# CPU Benchmarks

**Over 1,000,000 CPUs Benchmarked**

## CPU List

Below is an alphabetical list of all CPU types that appear in the charts. Clicking on a specific processor name will take you to the chart it appears in and will highlight it for you.

**Single CPU Systems** *Last Updated: 15th of January 2020*

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| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD Ryzen Threadripper 3970X | $1,999.00 | 47809 | 23.92 | 2974 | 1.49 | 280 | 170 | Dec 2019 | sTRX4 | Desktop |
| AMD EPYC 7742 | $8,622.86 | 47365 | 5.49 | 2296 | 0.27 | 225 | 210 | Sep 2019 | SP3 | Server |
| AMD EPYC 7702P | $4,425.00* | 46067 | 10.41 | 2259 | 0.51 | 200 | 230 | Sep 2019 | SP3 | Server |
| AMD Ryzen Threadripper 3960X | $1,399.00 | 45757 | 32.71 | 2934 | 2.10 | 280 | 163 | Dec 2019 | sTRX4 | Desktop |
| AMD EPYC 7452 | $2,338.67 | 38257 | 16.36 | 2232 | 0.95 | 155 | 246 | Nov 2019 | SP3 | Server |
| AMD Ryzen 9 3950X | $749.99 | 35712 | 47.62 | 2990 | 3.99 | 105 | 340 | Nov 2019 | AM4 | Desktop |
| Intel Xeon W-3275M @ 2.50GHz | $7,453.00* | 34638 | 4.65 | 2488 | 0.33 | 205 | 168 | Jan 2020 | FCLGA3647 | Server |
| Intel Xeon W-3175X @ 3.10GHz | $3,256.77 | 33538 | 10.30 | 2006 | 0.62 | 255 | 131 | Mar 2019 | FCLGA3647 | Server |
| AMD Ryzen 9 PRO 3900 | NA | 32899 | NA | 3018 | NA | 65 | 506 | Sep 2019 | AM4 | Desktop |
| AMD Ryzen 9 3900X | $503.00 | 31943 | 63.51 | 2935 | 5.84 | 105 | 304 | Jul 2019 | AM4 | Desktop |
| Intel Xeon W-3265 @ 2.70GHz | $4,551.37* | 31691 | 6.96 | 2474 | 0.54 | 205 | 154 | Sep 2019 | FCLGA3647 | Server |
| Intel Xeon Platinum 8268 @ 2.90GHz | $5,830.00 | 31689 | 5.44 | 2084 | 0.36 | 205 | 154 | Jun 2019 | FCLGA3647 | Server |
| Intel Core i9-10980XE @ 3.00GHz | $979.00* | 31467 | 32.14 | 2708 | 2.77 | 165 | 190 | Dec 2019 | FCLGA2066 | Desktop |
| AMD Ryzen 9 3900 | NA | 30702 | NA | 2963 | NA | 65 | 472 | Oct 2019 | AM4 | Desktop |
| AMD EPYC 7302P | $952.52 | 30626 | 32.15 | 2231 | 2.34 | 155 | 197 | Nov 2019 | SP3 | Server |
| Intel Xeon Gold 6254 @ 3.10GHz | $3,639.99 | 30018 | 8.25 | 2277 | 0.63 | 200 | 150 | Jun 2019 | FCLGA3647 | Server |
| Intel Core i9-9980XE @ 3.00GHz | $2,199.00 | 29661 | 13.49 | 2461 | 1.12 | 165 | 179 | Dec 2018 | FCLGA2066 | Desktop |
| Intel Xeon Platinum 8168 @ 2.70GHz | $5,890.00* | 29131 | 4.95 | 2073 | 0.35 | 205 | 142 | Oct 2017 | FCLGA3647 | Server |
| Intel Xeon Platinum 8173M @ 2.00GHz | NA | 28860 | NA | 2002 | NA | 165 | 174 | Feb 2018 | FCLGA3647 | Server |
| Intel Xeon Gold 6210U @ 2.50GHz | $2,059.86* | 28560 | 13.87 | 2207 | 1.07 | 150 | 190 | Sep 2019 | FCLGA3647 | Server |
| Intel Core i9-9960X @ 3.10GHz | $1,374.99 | 28487 | 20.72 | 2482 | 1.81 | 165 | 172 | Feb 2019 | FCLGA2066 | Desktop |
| AMD EPYC 7402P | $1,431.88 | 28291 | 19.76 | 1707 | 1.19 | 180 | 157 | Oct 2019 | SP3 | Server |
| Intel Xeon Platinum 8175M @ 2.50GHz | NA | 28103 | NA | 1795 | NA | NA | NA | Aug 2018 | FCLGA3647 | Server |
| Intel Xeon Gold 6212U @ 2.40GHz | $2,000.00* | 28060 | 14.03 | 1785 | 0.89 | 165 | 170 | Nov 2019 | FCLGA3647 | Server |
| Intel Xeon Gold 6154 @ 3.00GHz | $3,718.95* | 27722 | 7.45 | 2122 | 0.57 | 200 | 138 | Nov 2017 | FCLGA3647 | Server |

## ⌂ CPU Benchmarks ▼

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Core i9-7980XE @ 2.60GHz | $1,999.00 | 27009 | 17.91 | 2642 | 1.75 | 165 | 151 | Sep 2017 | FCLGA2066 | Desktop |
| AMD EPYC 7502P | $2,628.06 | 27437 | 10.44 | 1404 | 0.53 | 180 | 152 | Sep 2019 | SP3 | Server |
| Intel Core i9-9940X @ 3.30GHz | $1,162.17 | 26911 | 23.16 | 2453 | 2.11 | 165 | 163 | Nov 2018 | FCLGA2066 | Desktop |
| Intel Xeon Platinum 8124M @ 3.00GHz | NA | 26835 | NA | 1965 | NA | NA | NA | Nov 2018 | FCLGA3647 | Server |
| AMD Ryzen 7 PRO 3700 | NA | 26231 | NA | 3047 | NA | 65 | 403 | Sep 2019 | AM4 | Desktop |
| Intel Xeon Gold 6143 @ 2.80GHz | NA | 26128 | NA | 2121 | NA | 205 | 127 | Jul 2019 | FCLGA3647 | Server |
| Intel Core i9-10920X @ 3.50GHz | $749.99 | 26027 | 34.70 | 2643 | 3.52 | 165 | 157 | Dec 2019 | FCLGA2066 | Desktop |
| Intel Core i9-7960X @ 2.80GHz | $1,349.99* | 26016 | 19.27 | 2332 | 1.73 | 165 | 157 | Oct 2017 | FCLGA2066 | Desktop |
| Intel Xeon Gold 6148 @ 2.40GHz | $3,175.93* | 25817 | 8.13 | 1962 | 0.62 | 150 | 172 | Jan 2018 | FCLGA3647 | Server |
| Intel Xeon W-3235 @ 3.30GHz | $1,635.77* | 25759 | 15.75 | 2440 | 1.49 | 180 | 143 | Nov 2019 | FCLGA3647 | Server |
| Intel Xeon Gold 6246 @ 3.30GHz | $3,609.00 | 25734 | 7.13 | 2357 | 0.65 | 165 | 155 | Aug 2019 | FCLGA3647 | Server |
| Intel Xeon Gold 6138 @ 2.00GHz | $2,619.49* | 25421 | 9.70 | 2098 | 0.80 | 125 | 203 | Nov 2017 | FCLGA3647 | Server |
| Intel Core i9-7940X @ 3.10GHz | $909.99* | 25414 | 27.93 | 2397 | 2.63 | 165 | 154 | Sep 2017 | FCLGA2066 | Desktop |
| Intel Xeon Gold 6242 @ 2.80GHz | $2,601.58 | 25313 | 9.73 | 2001 | 0.77 | 150 | 168 | Aug 2019 | FCLGA3647 | Server |
| AMD Ryzen Threadripper 2950X | $699.99 | 25266 | 36.10 | 2207 | 3.15 | 180 | 140 | Sep 2018 | sTR4 | Desktop |
| Intel Xeon E5-2679 v4 @ 2.50GHz | $2,702.00* | 25266 | 9.35 | 1854 | 0.69 | 200 | 126 | Jun 2016 | FCLGA2011-3 | Server |
| Intel Xeon Gold 6146 @ 3.20GHz | $4,608.95* | 25142 | 5.46 | 2330 | 0.51 | 165 | 152 | Mar 2018 | FCLGA3647 | Server |
| Intel Core i9-9920X @ 3.50GHz | $1,139.99 | 25123 | 22.04 | 2493 | 2.19 | 165 | 152 | Dec 2018 | FCLGA2066 | Desktop |
| Intel Xeon Gold 6230 @ 2.10GHz | $2,014.37 | 24600 | 12.21 | 2224 | 1.10 | 125 | 196 | Jun 2019 | FCLGA3647 | Server |
| Intel Xeon W-2175 @ 2.50GHz | $2,073.34* | 24589 | 11.86 | 2369 | 1.14 | 140 | 175 | Feb 2019 | FCLGA2066 | Server |
| Intel Xeon W-2170B @ 2.50GHz | NA | 24561 | NA | 2414 | NA | NA | NA | Sep 2018 | FCLGA-2066 | Server |
| AMD Ryzen 7 3800X | $379.95 | 24507 | 64.50 | 2981 | 7.85 | 105 | 233 | Jul 2019 | AM4 | Desktop |
| Intel Xeon W-2195 @ 2.30GHz | $2,709.22 | 24481 | 9.04 | 2218 | 0.82 | 140 | 174 | Dec 2017 | FCLGA2066 | Server |
| Intel Xeon Platinum 8176 @ 2.10GHz | $8,725.00* | 24434 | 2.80 | 1932 | 0.22 | 165 | 148 | Jun 2019 | FCLGA3647 | Server |
| Intel Core i9-10900X @ 3.70GHz | $654.88 | 24159 | 36.89 | 2544 | 3.89 | 165 | 146 | Dec 2019 | FCLGA2066 | Desktop |
| Intel Xeon Gold 6140 @ 2.30GHz | $2,439.99* | 23964 | 9.82 | 1735 | 0.71 | 140 | 171 | Nov 2017 | FCLGA3647 | Server |
| Intel Xeon Gold 6132 @ 2.60GHz | $2,199.90* | 23907 | 10.87 | 2117 | 0.96 | 140 | 170 | Apr 2018 | FCLGA3647 | Server |
| AMD Ryzen 7 3700X | $324.99 | 23836 | 73.35 | 2906 | 8.94 | 65 | 366 | Jul 2019 | AM4 | Desktop |
| Intel Xeon Gold 6152 @ 2.10GHz | $4,108.95 | 23498 | 5.72 | 2033 | 0.49 | 140 | 167 | Jan 2018 | FCLGA3647 | Server |
| Intel Xeon E5-2699 v4 @ 2.20GHz | $4,237.99 | 23435 | 5.53 | 1780 | 0.42 | 145 | 161 | Apr 2016 | FCLGA2011-3 | Server |
| Intel Core i9-7920X @ 2.90GHz | $1,346.25* | 23294 | 17.30 | 2391 | 1.78 | 140 | 166 | Sep 2017 | FCLGA2066 | Desktop |
| AMD Ryzen Threadripper 2990WX | $1,549.99 | 23226 | 14.98 | 2071 | 1.34 | 250 | 92 | Aug 2018 | sTR4 | Desktop |
| Intel Core i9-9900X @ 3.50GHz | $885.99 | 22990 | 25.95 | 2482 | 2.80 | 165 | 139 | Dec 2018 | FCLGA2066 | Desktop |
| Intel Xeon E5-2699A v4 @ 2.40GHz | $4,938.00* | 22948 | 4.65 | 1595 | 0.32 | 145 | 158 | Feb 2019 | FCLGA2011-3 | Server |
| Intel Xeon E5-2697A v4 @ 2.60GHz | NA | 22462 | NA | 1998 | NA | 145 | 154 | Jun 2016 | FCLGA2011-3 | Server |
| Intel Xeon E5-2699 v3 @ 2.30GHz | $1,208.99 | 22340 | 18.48 | 1821 | 1.51 | 145 | 154 | Sep 2014 | LGA2011-v3 | Carver |
| Intel Xeon E5-2696 v3 @ 2.30GHz | $2,498.00* | 22172 | 8.88 | 1921 | 0.77 | NA | NA | May 2015 | LGA2011-v3 | Server |
| AMD EPYC 7371 | $1,550.00* | 22071 | 14.24 | 1983 | 1.28 | NA | NA | Jan 2019 | SP3 | Server |
| AMD Ryzen Threadripper 1950X | $489.99* | 21956 | 44.81 | 1990 | 4.06 | 180 | 121 | Aug 2017 | sTR4 | Desktop |
| Intel Xeon W-2155 @ 3.30GHz | $1,530.39* | 21894 | 14.31 | 2479 | 1.62 | 140 | 156 | Jan 2018 | FCLGA2066 | Server |
| Intel Core i9-7900X @ 3.30GHz | $1,027.12* | 21884 | 21.31 | 2449 | 2.38 | 140 | 156 | Jun 2017 | FCLGA2066 | Desktop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD Ryzen Threadripper 2920X | $419.99 | 21857 | 42.18 | 2100 | 4.24 | 180 | 121 | Nov 2018 | sTR4 | Desktop |
| Intel Xeon E5-2698 v4 @ 2.20GHz | $3,629.59* | 21836 | 6.02 | 1587 | 0.44 | 135 | 161 | Jun 2016 | FCLGA2011-3 | Server |
| AMD Ryzen Threadripper 2970WX | $939.99 | 21833 | 23.23 | 2057 | 2.19 | 250 | 87 | Nov 2018 | sTR4 | Desktop |
| AMD Ryzen 5 PRO 3600 | NA | 21586 | NA | 2907 | NA | 65 | 332 | Jul 2019 | AM4 | Desktop |
| Intel Core i9-9900KS @ 4.00GHz | $649.99 | 21558 | 33.17 | 2993 | 4.60 | 127 | 169 | Oct 2019 | FCLGA1151-2 | Desktop |
| Intel Xeon W-2150B @ 3.00GHz | NA | 21451 | NA | 2433 | NA | NA | NA | Jan 2018 | FCLGA2066 | Server |
| Intel Xeon E5-2697 v4 @ 2.30GHz | $3,054.99* | 21435 | 7.02 | 1749 | 0.57 | 145 | 147 | May 2016 | FCLGA2011-3 | Server |
| Intel Xeon E5-2697 v3 @ 2.60GHz | $489.99 | 21425 | 43.73 | 1997 | 4.08 | 145 | 147 | Aug 2014 | LGA2011-v3 | Server |
| Intel Xeon E5-2673 v4 @ 2.30GHz | NA | 21300 | NA | 1757 | NA | 135 | 157 | Nov 2016 | FCLGA2011-3 | Server |
| Intel Xeon E5-2696 v4 @ 2.20GHz | $3,009.95* | 21226 | 7.05 | 1680 | 0.56 | 145 | 146 | Apr 2016 | FCLGA2011-3 | Server |
| Intel Xeon E5-2690 v4 @ 2.60GHz | $2,169.99* | 21167 | 9.75 | 1911 | 0.88 | 135 | 156 | May 2016 | FCLGA2011-3 | Server |
| Intel Core i9-9820X @ 3.30GHz | $625.81 | 21053 | 33.64 | 2361 | 3.77 | 165 | 127 | Dec 2018 | FCLGA2066 | Desktop |
| Intel Xeon E5-2698 v3 @ 2.30GHz | $609.00* | 21042 | 34.55 | 1845 | 3.03 | 135 | 155 | Sep 2014 | LGA2011-v3 | Server |
| Intel Xeon Gold 6136 @ 3.00GHz | $2,654.82* | 21034 | 7.92 | 2046 | 0.77 | 150 | 140 | Aug 2017 | FCLGA3647 | Server |
| AMD EPYC 7571 | NA | 20858 | NA | 1577 | NA | 120 | 173 | Sep 2019 | SP3 | Server |
| AMD EPYC 7262 | $668.43 | 20691 | 30.96 | 2186 | 3.27 | 155 | 133 | Dec 2019 | SP3 | Server |
| Intel Xeon Gold 5218 @ 2.30GHz | $1,303.74 | 20622 | 15.82 | 1764 | 1.35 | 125 | 164 | Sep 2019 | FCLGA3647 | Server |
| AMD Ryzen 5 3600X | $238.87 | 20515 | 85.89 | 2915 | 12.21 | 95 | 215 | Jul 2019 | AM4 | Desktop |
| Intel Core i7-7900X @ 3.30GHz | NA | 20474 | NA | 2444 | NA | 140 | 146 | Aug 2017 | FCLGA2066 | Desktop |
| Intel Xeon E5-2682 v4 @ 2.50GHz | NA | 20420 | NA | 1660 | NA | 120 | 170 | Sep 2017 | FCLGA2011-3 | Server |
| Intel Xeon Gold 6137 @ 3.90GHz | NA | 20413 | NA | 2358 | NA | 205 | 99 | Jan 2019 | FCLGA-3647 | Server |
| Intel Core i9-9900KF @ 3.60GHz | $478.89 | 20366 | 42.53 | 2905 | 6.07 | 95 | 214 | Apr 2019 | FCLGA1151-2 | Desktop |
| Intel Xeon E5-2695 v4 @ 2.10GHz | $5,808.00* | 20258 | 3.49 | 1628 | 0.28 | 120 | 168 | Aug 2016 | FCLGA2011-3 | Server |
| AMD EPYC 7401P | $1,010.00 | 20221 | 20.02 | 1488 | 1.47 | 155 | 130 | Nov 2017 | SP3 | Server |
| Intel Core i9-9900K @ 3.60GHz | $494.99 | 20195 | 40.80 | 2890 | 5.84 | 95 | 212 | Oct 2018 | FCLGA1151-2 | Desktop |
| AMD Ryzen Threadripper 1920X | $209.99 | 20091 | 95.68 | 2025 | 9.64 | 180 | 111 | Aug 2017 | sTR4 | Desktop |
| Intel Core i7-6950X @ 3.00GHz | $1,785.00 | 19917 | 11.16 | 2145 | 1.20 | 140 | 142 | Jun 2016 | LGA2011-v3 | Desktop |
| Intel Xeon E5-2687W v4 @ 3.00GHz | $2,174.99* | 19863 | 9.13 | 1894 | 0.87 | 160 | 124 | May 2016 | FCLGA2011-3 | Server |
| AMD Ryzen 5 3600 | $189.99 | 19853 | 104.50 | 2802 | 14.75 | 65 | 305 | Jun 2019 | AM4 | Desktop |
| Intel Xeon E5-2686 v4 @ 2.30GHz | NA | 19801 | NA | 1476 | NA | 145 | 136 | Oct 2016 | FCLGA2011-3 | Server |
| Intel Core i7-9800X @ 3.80GHz | $599.00 | 19781 | 33.02 | 2527 | 4.22 | 165 | 119 | Dec 2018 | FCLGA2066 | Desktop |
| Intel Xeon E5-2680 v4 @ 2.40GHz | $1,509.00* | 19775 | 13.10 | 1779 | 1.18 | 120 | 164 | May 2016 | FCLGA2011-3 | Server |
| Intel Xeon W-2145 @ 3.70GHz | $1,182.25 | 19768 | 16.72 | 2522 | 2.13 | 140 | 141 | Dec 2017 | FCLGA2066 | Server |
| Intel Xeon E5-2689 v4 @ 3.10GHz | NA | 19744 | NA | 2167 | NA | 165 | 119 | Aug 2016 | FCLGA2011-3 | Server |
| Intel Xeon Gold 6126 @ 2.60GHz | $1,889.97* | 19711 | 10.43 | 1909 | 1.01 | 125 | 157 | Mar 2018 | FCLGA3647 | Server |
| Intel Xeon E5-2695 v3 @ 2.30GHz | $489.99* | 19710 | 40.23 | 1885 | 3.85 | 120 | 164 | Sep 2014 | LGA2011-v3 | Server |
| Intel Xeon Gold 6144 @ 3.50GHz | $3,070.00* | 19667 | 6.41 | 2380 | 0.78 | 150 | 131 | Oct 2017 | FCLGA3647 | Server |
| Intel Xeon E-2288G @ 3.70GHz | $539.00* | 19658 | 36.47 | 2782 | 5.16 | 95 | 206 | Sep 2019 | FCLGA1151-2 | Server |
| Intel Xeon Gold 6130 @ 2.10GHz | $1,940.99* | 19643 | 10.12 | 1754 | 0.90 | 125 | 157 | Nov 2017 | FCLGA3647 | Server |

# CPU Benchmarks

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Xeon E5-4669 v3 @ 2.10GHz | $3,100.00 | 19615 | 3.88 | 1566 | 0.54 | 135 | 115 | Dec 2015 | FCLGA2011-3 | Server |
| Intel Xeon Silver 4216 @ 2.10GHz | $1,076.30 | 19538 | 18.15 | 1603 | 1.49 | 100 | 195 | Aug 2019 | FCLGA3647 | Server |
| Intel Xeon D-2183IT @ 2.20GHz | $1,764.00* | 19381 | 10.99 | 1630 | 0.92 | 100 | 193 | May 2018 | FCBGA2518 | Server |
| Intel Xeon E5-2686 v3 @ 2.00GHz | NA | 19255 | NA | 1530 | NA | 120 | 160 | Aug 2015 | LGA2011-v3 | Server |
| AMD Ryzen Threadripper 2990X | NA | 19227 | NA | 2098 | NA | 250 | 76 | Oct 2018 | TR4 | Desktop |
| Intel Xeon E5-2690 v3 @ 2.60GHz | $225.00 | 18959 | 84.26 | 1985 | 8.83 | 135 | 140 | Sep 2014 | LGA2011-v3 | Server |
| AMD EPYC 7501 | $2,683.80 | 18942 | 7.06 | 1569 | 0.58 | 155 | 122 | Dec 2017 | SP3 | Server |
| Intel Xeon E5-2683 v4 @ 2.10GHz | $2,208.93* | 18863 | 8.54 | 1502 | 0.68 | 120 | 157 | Dec 2016 | FCLGA2011-3 | Server |
| Intel Core i9-9900 @ 3.10GHz | $523.59 | 18753 | 35.82 | 2802 | 5.35 | 65 | 288 | Jul 2019 | FCLGA1151-2 | Desktop |
| Intel Xeon W-2140B @ 3.20GHz | NA | 18620 | NA | 2356 | NA | NA | NA | Jan 2018 | FCLGA2066 | Server |
| Intel Core i7-7820X @ 3.60GHz | $665.00 | 18517 | 27.85 | 2397 | 3.61 | 140 | 132 | Jun 2017 | FCLGA2066 | Desktop |
| AMD EPYC 7551 | $1,835.94 | 18483 | 10.07 | 1502 | 0.82 | 180 | 102 | Sep 2017 | SP3 | Server |
| AMD EPYC 7551P | $1,835.94 | 18443 | 10.05 | 1279 | 0.70 | 180 | 102 | Mar 2018 | SP3 | Server |
| Intel Xeon E5-2680 v3 @ 2.50GHz | $209.99 | 18430 | 87.77 | 1861 | 8.86 | 120 | 153 | Oct 2014 | LGA2011-v3 | Server |
| Intel Xeon E-2286M @ 2.40GHz | $623.00* | 18259 | 29.31 | 2718 | 4.36 | 45 | 405 | Jul 2019 | FCBGA1440 | Laptop |
| Intel Xeon Gold 5120 @ 2.20GHz | $1,561.00* | 18253 | 11.69 | 1796 | 1.15 | 105 | 173 | Dec 2017 | FCLGA3647 | Server |
| Intel Xeon E5-1681 v3 @ 2.90GHz | NA | 18238 | NA | 2017 | NA | 135 | 135 | Apr 2016 | LGA2011-v3 | Server |
| Intel Xeon Gold 6134 @ 3.20GHz | $2,110.00 | 18206 | 8.63 | 2127 | 1.01 | 130 | 140 | Apr 2017 | FCLGA3647 | Server |
| Intel Xeon Gold 5120T @ 2.20GHz | $1,727.00* | 18145 | 10.51 | 1722 | 1.00 | 105 | 172 | Apr 2018 | FCLGA3647 | Server |
| AMD EPYC 7351 | $761.34 | 18081 | 23.75 | 1544 | 2.03 | 155 | 116 | Mar 2019 | SP3 | Server |
| Intel Xeon E5-2687W v3 @ 3.10GHz | $608.99 | 17795 | 29.22 | 1953 | 3.21 | 160 | 111 | Oct 2014 | LGA2011-v3 | Server |
| Intel Xeon E-2278G @ 3.40GHz | $494.00* | 17670 | 35.77 | 2934 | 5.94 | 80 | 220 | Nov 2019 | FCLGA1151-2 | Server |
| Intel Xeon E5-2676 v3 @ 2.40GHz | NA | 17608 | NA | 1720 | NA | 120 | 146 | Nov 2015 | LGA2011-v3 | Server |
| Intel Core i7-6900K @ 3.20GHz | $750.00 | 17598 | 23.46 | 2186 | 2.92 | 140 | 125 | Jun 2016 | FCLGA2011-3 | Desktop |
| Intel Core i9-9980HK @ 2.40GHz | $583.00* | 17579 | 30.15 | 2677 | 4.59 | 45 | 390 | May 2019 | FCBGA1440 | Laptop |
| Intel Xeon Silver 4214 @ 2.20GHz | $820.58 | 17352 | 21.15 | 1734 | 2.11 | 85 | 204 | Sep 2019 | FCLGA3647 | Server |
| Intel Xeon E5-2683 v3 @ 2.00GHz | $509.99* | 17325 | 33.97 | 1656 | 3.25 | 120 | 144 | Feb 2015 | LGA2011-v3 | Server |
| Intel Xeon E5-2658 v4 @ 2.30GHz | NA | 17275 | NA | 1505 | NA | 105 | 164 | Dec 2016 | FCLGA2011-3 | Server |
| Intel Core i7-9700K @ 3.60GHz | $399.99 | 17204 | 43.01 | 2813 | 7.03 | 95 | 181 | Oct 2018 | FCLGA1151-2 | Desktop |
| Intel Xeon E5-2697 v2 @ 2.70GHz | $238.00 | 17170 | 72.15 | 1735 | 7.29 | 130 | 132 | Jun 2013 | FCLGA2011 | Server |
| AMD Ryzen 7 PRO 2700X | NA | 17161 | NA | 2143 | NA | 105 | 163 | Jul 2018 | AM4 | Desktop |
| Intel Xeon E5-2678 v3 @ 2.50GHz | NA | 17084 | NA | 1723 | NA | 120 | 142 | Aug 2015 | LGA2011-v3 | Server |
| Intel Xeon E5-1680 v4 @ 3.40GHz | NA | 17063 | NA | 2183 | NA | 140 | 121 | Oct 2016 | FCLGA2011-3 | Server |
| AMD Ryzen 7 2700X | $178.89 | 16938 | 94.69 | 2182 | 12.20 | 105 | 161 | Apr 2018 | AM4 | Desktop |
| Intel Xeon E5-2696 v2 @ 2.50GHz | NA | 16920 | NA | 1694 | NA | NA | NA | Sep 2013 | LGA2011 | Server |
| Intel Xeon E5-2660 v4 @ 2.00GHz | $1,499.99* | 16880 | 11.25 | 1588 | 1.06 | 105 | 160 | Nov 2016 | FCLGA2011-3 | Server |
| Intel Core i7-9700KF @ 3.60GHz | $359.99* | 16868 | 46.86 | 2785 | 7.74 | 95 | 177 | Apr 2019 | FCLGA1151-2 | Desktop |
| Intel Xeon E5-2670 v3 @ 2.30GHz | $149.00 | 16778 | 112.61 | 1721 | 11.55 | 120 | 139 | Aug 2014 | LGA2011-v3 | Server |
| Intel Core i7-8086K @ 4.00GHz | $552.96* | 16685 | 30.17 | 2822 | 5.10 | 95 | 175 | Jun 2018 | FCLGA1151-2 | Desktop |

## 🏠 CPU Benchmarks ▼

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Xeon Gold 5117 @ 2.00GHz | NA | 16692 | NA | 1774 | NA | 105 | 155 | Oct 2017 | NA | Server |
| Intel Xeon E-2286G @ 4.00GHz | $450.00* | 16671 | 37.05 | 2792 | 6.20 | 95 | 175 | Oct 2019 | FCLGA1151-2 | Server |
| Intel Xeon E5-2660 v3 @ 2.60GHz | $319.95* | 16665 | 52.09 | 1881 | 5.88 | 105 | 158 | Sep 2014 | LGA2011-v3 | Server |
| Intel Xeon E5-2667 v4 @ 3.20GHz | $1,949.03* | 16631 | 8.53 | 2002 | 1.03 | 135 | 123 | Jul 2016 | FCLGA2011-3 | Server |
| Intel Core i7-9700F @ 3.00GHz | $385.45 | 16527 | 42.88 | 2717 | 7.05 | 65 | 254 | Jun 2019 | FCLGA1151-2 | Desktop |
| Intel Xeon Gold 5118 @ 2.30GHz | $1,060.00 | 16435 | 15.51 | 1728 | 1.63 | 105 | 156 | Dec 2017 | FCLGA3647 | Server |
| Intel Xeon E5-4667 v3 @ 2.00GHz | $5,729.00* | 16388 | 2.86 | 1359 | 0.24 | 135 | 121 | Jan 2018 | FCLGA2011-3 | Server |
| Intel Xeon E5-2690 v2 @ 3.00GHz | $215.93 | 16367 | 75.80 | 1826 | 8.46 | 130 | 125 | Jul 2013 | FCLGA2011 | Server |
| Intel Xeon E5-2687W v2 @ 3.40GHz | $335.00* | 16343 | 48.79 | 2040 | 6.09 | 150 | 108 | Jul 2013 | FCLGA2011 | Server |
| Intel Xeon E5-2673 v2 @ 3.30GHz | NA | 16320 | NA | 2009 | NA | 110 | 148 | Apr 2016 | LGA 2011 | Server |
| Intel Xeon E5-1680 v3 @ 3.20GHz | NA | 16317 | NA | 2110 | NA | 140 | 116 | Mar 2015 | LGA2011-v3 | Server |
| Intel Core i9-9880H @ 2.30GHz | $556.00* | 16316 | 29.35 | 2543 | 4.58 | 45 | 362 | May 2019 | FCBGA1440 | Laptop |
| Intel Xeon W-2135 @ 3.70GHz | $896.60* | 16305 | 18.19 | 2532 | 2.83 | 140 | 116 | Nov 2017 | FCLGA2066 | Server |
| Intel Xeon E5-2658 v3 @ 2.20GHz | NA | 16298 | NA | 1682 | NA | 105 | 155 | Oct 2015 | LGA2011-v3 | Server |
| Intel Xeon E5-2673 v3 @ 2.40GHz | $700.00* | 16293 | 23.28 | 1678 | 2.40 | 110 | 148 | Sep 2015 | LGA2011-v3 | Server |
| Intel Xeon E5-1660 v4 @ 3.20GHz | $1,229.52* | 16208 | 13.18 | 2033 | 1.65 | 140 | 115 | Oct 2016 | FCLGA2011-3 | Server |
| Intel Xeon E5-1680 v2 @ 3.00GHz | NA | 16171 | NA | 2049 | NA | 130 | 124 | Sep 2014 | LGA 2011 | Server |
| Intel Xeon E5-2667 v2 @ 3.30GHz | $189.99 | 16077 | 84.62 | 2016 | 10.61 | 130 | 123 | Feb 2014 | LGA 2011 | Server |
| Intel Xeon E5-2695 v2 @ 2.40GHz | $290.00 | 16041 | 55.32 | 1619 | 5.58 | 115 | 139 | Dec 2013 | LGA 2011 | Server |
| AMD Ryzen Threadripper 1900X | $179.99 | 16030 | 89.06 | 2060 | 11.45 | 180 | 89 | Sep 2017 | sTR4 | Desktop |
| Intel Xeon E-2246G @ 3.60GHz | $311.00* | 16023 | 51.52 | 2816 | 9.05 | 80 | 200 | Aug 2019 | FCLGA1151-2 | Server |
| Intel Xeon E5-2667 v3 @ 3.20GHz | $309.00 | 16022 | 51.85 | 2078 | 6.73 | 135 | 118 | Dec 2014 | LGA2011-v3 | Server |
| Intel Xeon E5-2692 v2 @ 2.20GHz | NA | 16018 | NA | 1605 | NA | 115 | 139 | Apr 2016 | LGA 2011 | Server |
| AMD Ryzen 5 3500X | NA | 15990 | NA | 2774 | NA | 65 | 246 | Oct 2019 | AM4 | Desktop |
| Intel Core i7-9700 @ 3.00GHz | $399.99 | 15985 | 39.97 | 2696 | 6.74 | 65 | 245 | Jun 2019 | FCLGA1151-2 | Desktop |
| Intel Core i7-5960X @ 3.00GHz | $851.31 | 15984 | 18.78 | 1999 | 2.35 | 140 | 114 | Aug 2014 | LGA2011-v3 | Desktop |
| Intel Core i7-8700K @ 3.70GHz | $431.81 | 15933 | 36.90 | 2696 | 6.25 | 95 | 167 | Oct 2017 | FCLGA1151-2 | Desktop |
| Intel Xeon D-2166NT @ 2.00GHz | $1,005.00* | 15922 | 15.84 | 1652 | 1.64 | 85 | 187 | Jan 2020 | FCBGA2518 | Server |
| Intel Xeon Silver 4210 @ 2.20GHz | $1,099.95 | 15898 | 14.45 | 1727 | 1.57 | 85 | 187 | Aug 2019 | FCLGA3647 | Server |
| Intel Xeon E5-4657L v2 @ 2.40GHz | $1,399.00* | 15896 | 11.36 | 1496 | 1.07 | 115 | 138 | Jan 2015 | FCLGA2011 | Server |
| Intel Xeon E5-2680 v2 @ 2.80GHz | $175.00 | 15889 | 90.80 | 1821 | 10.41 | 115 | 138 | Jul 2013 | FCLGA2011 | Server |
| Intel Xeon E5-4660 v3 @ 2.10GHz | $4,800.00* | 15849 | 3.30 | 1670 | 0.35 | 120 | 132 | May 2017 | FCLGA2011-3 | Server |
| Intel Xeon E-2186G @ 3.80GHz | $524.99* | 15838 | 30.17 | 2730 | 5.20 | 95 | 166 | Nov 2018 | FCLGA1151-2 | Server |
| Intel Xeon E-2136 @ 3.30GHz | $309.88 | 15793 | 50.97 | 2643 | 8.53 | 80 | 197 | Nov 2018 | FCLGA1151-2 | Server |
| Intel Xeon E-2236 @ 3.40GHz | $289.00* | 15781 | 54.61 | 2812 | 9.73 | 80 | 197 | Nov 2019 | FCLGA1151-2 | Server |
| AMD EPYC 7451 | $1,259.89 | 15760 | 12.51 | 1694 | 1.34 | 180 | 87 | Jan 2018 | SP3 | Server |
| Intel Xeon E-2176G @ 3.70GHz | $406.67 | 15592 | 38.34 | 2696 | 6.63 | 80 | 194 | Oct 2018 | FCLGA1151-2 | Server |
| Intel Xeon E-2146G @ 3.50GHz | $354.99* | 15591 | 43.92 | 2594 | 7.31 | 80 | 194 | Aug 2018 | FCLGA1151-2 | Server |
| Intel Xeon E5-2650 v4 @ 2.20GHz | $1,009.00* | 15587 | 15.45 | 1523 | 1.51 | 105 | 148 | Jun 2016 | FCLGA2011-3 | Server |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD Ryzen 7 1800X | $299.99 | 15516 | 74.52 | 1870 | 9.38 | 95 | 155 | Feb 2017 | AM4 | Desktop |
| Intel Xeon E5-4627 v4 @ 2.60GHz | $2,225.00* | 15516 | 6.97 | 1865 | 0.84 | 135 | 114 | Apr 2017 | FCLGA2011-3 | Server |
| Intel Xeon Silver 4116 @ 2.10GHz | $898.16* | 15509 | 17.27 | 1576 | 1.76 | 85 | 182 | Jan 2018 | FCLGA3647 | Server |
| Intel Xeon E5-2640 v4 @ 2.40GHz | $920.27* | 15420 | 16.76 | 1857 | 2.02 | 90 | 171 | Apr 2016 | FCLGA2011-3 | Server |
| AMD Ryzen 7 PRO 1700X | NA | 15324 | NA | 1984 | NA | 95 | 161 | Jun 2017 | AM4 | Desktop |
| Intel Core i9-9900T @ 2.10GHz | $439.00* | 15322 | 34.90 | 2493 | 5.68 | 35 | 437 | Nov 2019 | FCLGA1151-2 | Desktop |
| Intel Xeon Silver 4215 @ 2.50GHz | $956.57* | 15200 | 15.89 | 1981 | 2.07 | 85 | 178 | Jun 2019 | FCLGA3647 | Server |
| Intel Xeon Silver 4123 @ 3.00GHz | NA | 15185 | NA | 1855 | NA | 105 | 144 | Feb 2018 | NA | Server |
| AMD Ryzen 7 PRO 2700 | NA | 15178 | NA | 2061 | NA | 65 | 233 | Aug 2018 | AM4 | Desktop |
| Intel Xeon E5-2675 v3 @ 1.80GHz | NA | 15137 | NA | 1241 | NA | NA | NA | Jan 2016 | LGA2011-v3 | Server |
| Intel Core i7-8700 @ 3.20GHz | $388.77 | 15134 | 38.93 | 2625 | 6.75 | 65 | 232 | Oct 2017 | FCLGA1151-2 | Desktop |
| AMD Ryzen 7 2700 | $149.99 | 15067 | 100.46 | 1985 | 13.24 | 65 | 231 | Apr 2018 | AM4 | Desktop |
| Intel Xeon E5-2670 v2 @ 2.50GHz | $209.00 | 15026 | 71.90 | 1620 | 7.76 | 115 | 130 | Feb 2014 | FCLGA2011 | Server |
| Intel Xeon E5-2685 v3 @ 2.60GHz | NA | 15004 | NA | 1737 | NA | 120 | 125 | Jun 2015 | LGA2011-v3 | Server |
| AMD EPYC 7301 | $692.35 | 14978 | 21.63 | 1270 | 1.83 | 155 | 96 | Apr 2019 | SP3 | Server |
| Intel Core i7-8700B @ 3.20GHz | $303.00* | 14963 | 49.39 | 2641 | 8.72 | 65 | 230 | Jan 2019 | FCBGA1440 | Laptop |
| Intel Xeon Gold 6128 @ 3.40GHz | $1,799.99 | 14961 | 8.31 | 2115 | 1.18 | 115 | 130 | Oct 2017 | FCLGA3647 | Server |
| Intel Xeon E5-2650 v3 @ 2.30GHz | $115.00 | 14893 | 129.51 | 1681 | 14.62 | 105 | 141 | Sep 2014 | LGA2011-v3 | Server |
| AMD EPYC 7351P | $737.32 | 14887 | 20.19 | 1530 | 2.08 | 155 | 96 | Nov 2017 | SP3 | Server |
| AMD Ryzen 7 1700X | $199.99 | 14810 | 74.05 | 1886 | 9.43 | 95 | 155 | Mar 2017 | AM4 | Desktop |
| AMD Ryzen 5 3500 | NA | 14719 | NA | 2742 | NA | 65 | 226 | Oct 2019 | AM4 | Desktop |
| Intel Xeon E5-2649 v3 @ 2.30GHz | NA | 14677 | NA | 1591 | NA | 105 | 139 | Feb 2018 | LGA2011-v3 | Server |
| Intel Core i7-7800X @ 3.50GHz | $509.99* | 14656 | 28.74 | 2262 | 4.44 | 140 | 104 | Jun 2017 | FCLGA2066 | Desktop |
| Intel Xeon E5-1660 v3 @ 3.00GHz | $408.95 | 14656 | 35.84 | 1836 | 4.49 | 140 | 104 | Oct 2014 | LGA2011-v3 | Server |
| Intel Xeon E5-4627 v3 @ 2.60GHz | $2,400.00* | 14615 | 6.09 | 1807 | 0.75 | 135 | 108 | Dec 2016 | FCLGA2011-3 | Server |
| Intel Xeon E5-2618L v4 @ 2.20GHz | $779.00* | 14572 | 18.71 | 1706 | 2.19 | 75 | 194 | Oct 2017 | FCLGA2011-3 | Server |
| Intel Xeon E-2186M @ 2.90GHz | $623.00* | 14523 | 23.31 | 2598 | 4.17 | 45 | 322 | Apr 2018 | FCBGA1440 | Laptop |
| Intel Xeon D-1567 @ 2.10GHz | NA | 14482 | NA | 1534 | NA | 65 | 222 | Apr 2017 | FCBGA1667 | Server |
| Intel Xeon E-2276M @ 2.80GHz | $450.00* | 14445 | 32.10 | 2608 | 5.80 | 45 | 321 | Jul 2019 | FCBGA1440 | Laptop |
| Intel Xeon W-2133 @ 3.60GHz | $617.00* | 14394 | 23.33 | 2184 | 3.54 | 140 | 102 | Sep 2017 | FCLGA2066 | Server |
| Intel Core i7-6850K @ 3.60GHz | $437.00 | 14370 | 32.88 | 2192 | 5.02 | 140 | 102 | Jun 2016 | FCLGA2011-3 | Desktop |
| AMD Ryzen 5 2600X | $136.89 | 14363 | 104.93 | 2142 | 15.65 | 95 | 151 | Apr 2018 | AM4 | Desktop |
| Intel Xeon E5-2687W @ 3.10GHz | $207.00 | 14328 | 69.22 | 1886 | 9.11 | 150 | 95 | Feb 2012 | LGA2011 | Server |
| Intel Xeon Silver 4114 @ 2.20GHz | $640.75* | 14309 | 22.33 | 1612 | 2.52 | 85 | 168 | Oct 2017 | FCLGA3647 | Server |
| AMD Ryzen 5 PRO 2600 | NA | 14221 | NA | 2047 | NA | 65 | 218 | Aug 2018 | AM4 | Desktop |
| Intel Xeon E5-1650 v4 @ 3.60GHz | $508.00* | 14197 | 27.95 | 2178 | 4.29 | 140 | 101 | Jul 2016 | FCLGA2011-3 | Server |
| Intel Core i9-8950HK @ 2.90GHz | $583.00* | 14191 | 24.34 | 2539 | 4.36 | 45 | 315 | Apr 2018 | FCBGA1440 | Laptop |
| Intel Xeon E-2276G @ 3.80GHz | $362.00* | 14143 | 39.07 | 2580 | 7.13 | 80 | 176 | Nov 2019 | FCLGA1151-2 | Server |
| AMD Ryzen 7 PRO 1700 | NA | 14112 | NA | 1838 | NA | 65 | 217 | Sep 2017 | AM4 | Desktop |
| Intel Xeon E5-2650L v4 @ 1.70GHz | $1,496.00* | 14093 | 9.42 | 1410 | 0.94 | 65 | 216 | Jul 2017 | FCLGA2011-3 | Server |
| Intel Xeon D-1587 @ 1.70GHz | NA | 14049 | NA | 1266 | NA | 65 | 216 | Jul 2016 | FCBGA1667 | Server |

| CPU Name | Price[1] | CPU Mark | CPU Value[2] | Thread Mark | Thread Value[3] | TDP (W) | Power Perf.[4] | Test Date[5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Xeon E5-2680 v3 @ 2.80GHz | NA | 13951 | NA | 1591 | NA | 120 | 110 | Dec 2013 | LGA2011-v3 | Server |
| AMD Ryzen 7 1700 | $289.98 | 13936 | 48.06 | 1781 | 6.14 | 65 | 214 | Mar 2017 | AM4 | Desktop |
| Intel Xeon E5-1660 v2 @ 3.70GHz | $281.99* | 13919 | 49.36 | 2124 | 7.53 | 130 | 107 | Dec 2013 | LGA 2011 | Server |
| Intel Xeon E-2278GEL @ 2.00GHz | $494.00* | 13914 | 28.17 | 2355 | 4.77 | 35 | 397 | Nov 2019 | FCLGA1151-2 | Server |
| Intel Xeon E5-2630 v4 @ 2.20GHz | $559.00* | 13902 | 24.87 | 1603 | 2.87 | 85 | 163 | Apr 2016 | FCLGA2011-3 | Server |
| Intel Xeon E5-2643 v3 @ 3.40GHz | $250.00 | 13887 | 55.55 | 2021 | 8.08 | 135 | 102 | Jan 2015 | LGA2011-v3 | Server |
| Intel Xeon E5-2658 v2 @ 2.40GHz | $179.99* | 13874 | 77.09 | 1521 | 8.45 | 95 | 146 | Dec 2013 | LGA 2011 | Server |
| Intel Xeon E5-2640 v3 @ 2.60GHz | $135.00* | 13851 | 102.60 | 1883 | 13.95 | 90 | 153 | Sep 2014 | LGA2011-v3 | Server |
| Intel Xeon D-2143IT @ 2.20GHz | $566.00* | 13816 | 24.41 | 1709 | 3.02 | 65 | 212 | Aug 2018 | FCBGA2518 | Server |
| Intel Core i7-4960X @ 3.60GHz | $769.99* | 13800 | 17.92 | 2081 | 2.70 | 130 | 106 | Jan 2013 | LGA2011 | Desktop |
| Intel Xeon E5-2690 @ 2.90GHz | $99.90 | 13748 | 137.63 | 1865 | 18.67 | 135 | 101 | Mar 2012 | LGA2011 | Server |
| Intel Core i7-9850H @ 2.60GHz | $395.00* | 13743 | 34.79 | 2548 | 6.45 | 45 | 305 | Jun 2019 | NA | Laptop |
| Intel Core i5-9600 @ 3.10GHz | $224.00* | 13683 | 61.09 | 2728 | 12.18 | 65 | 210 | Sep 2019 | FCLGA1151-2 | Desktop |
| Intel Core i7-5930K @ 3.50GHz | $239.99 | 13664 | 56.94 | 2105 | 8.77 | 140 | 97 | Aug 2014 | LGA2011-v3 | Desktop |
| Intel Xeon E5-2648L v4 @ 1.80GHz | NA | 13654 | NA | 1313 | NA | 75 | 182 | Jul 2017 | FCLGA2011-3 | Server |
| Intel Xeon E-2126G @ 3.30GHz | $299.99* | 13650 | 45.50 | 2615 | 8.72 | 80 | 170 | Nov 2018 | FCLGA1151-2 | Server |
| Intel Xeon E5-1650 v3 @ 3.50GHz | $129.99 | 13632 | 104.88 | 2149 | 16.54 | 140 | 97 | Oct 2014 | LGA2011-v3 | Server |
| Intel Xeon E5-4669 v4 @ 2.20GHz | NA | 13626 | NA | 1250 | NA | 135 | 100 | Apr 2017 | FCLGA2011-3 | Server |
| Intel Core i7-9750H @ 2.60GHz | $395.00* | 13586 | 34.40 | 2471 | 6.26 | 45 | 301 | Apr 2019 | FCBGA1440 | Laptop |
| Intel Core i7-6800K @ 3.40GHz | $294.99 | 13563 | 45.98 | 2066 | 7.01 | 140 | 96 | May 2016 | LGA2011-v3 | Desktop |
| Intel Xeon E-2176M @ 2.70GHz | $450.00* | 13559 | 30.13 | 2477 | 5.51 | 45 | 301 | Apr 2018 | FCBGA1440 | Laptop |
| Intel Xeon E5-2650L v3 @ 1.80GHz | $232.22 | 13513 | 58.19 | 1419 | 6.11 | 65 | 207 | Aug 2015 | LGA2011-v3 | Server |
| AMD Ryzen 5 2600 | $119.92 | 13505 | 112.62 | 2005 | 16.72 | 65 | 207 | Apr 2018 | AM4 | Desktop |
| Intel Core i5-9600K @ 3.70GHz | $219.99 | 13505 | 61.39 | 2679 | 12.18 | 95 | 142 | Oct 2018 | FCLGA1151-2 | Desktop |
| Intel Core i5-9600KF @ 3.70GHz | $199.99 | 13486 | 67.44 | 2667 | 13.34 | 95 | 141 | May 2019 | FCLGA1151-2 | Desktop |
| Intel Xeon E5-2643 v4 @ 3.40GHz | $1,801.96* | 13475 | 7.48 | 2018 | 1.12 | 135 | 99 | Jun 2016 | FCLGA2011-3 | Server |
| AMD Ryzen 7 2700E | NA | 13410 | NA | 2133 | NA | 45 | 298 | Sep 2019 | AM4 | Desktop |
| Intel Core i7-9700T @ 2.00GHz | $323.00* | 13360 | 41.36 | 2468 | 7.64 | 35 | 381 | Jul 2019 | FCLGA1151-2 | Desktop |
| Intel Xeon E5-2689 @ 2.60GHz | NA | 13276 | NA | 1758 | NA | 115 | 115 | Mar 2013 | LGA 2011 | Server |
| Intel Xeon E5-2650 v2 @ 2.60GHz | $89.99 | 13206 | 146.76 | 1715 | 19.06 | 95 | 139 | Jul 2013 | FCLGA2011 | Server |
| AMD Ryzen 5 1600X | $146.99 | 13202 | 89.82 | 1963 | 13.36 | 95 | 138 | Apr 2017 | AM4 | Desktop |
| Intel Xeon E5-2660 v2 @ 2.20GHz | $212.89* | 13156 | 61.80 | 1507 | 7.08 | 95 | 138 | Mar 2014 | LGA 2011 | Server |
| Intel Xeon E5-2643 v2 @ 3.50GHz | $110.00 | 13129 | 119.36 | 1971 | 17.92 | 130 | 100 | Jul 2013 | FCLGA2011 | Server |
| Intel Xeon Silver 4208 @ 2.10GHz | $808.95 | 13116 | 16.21 | 1680 | 2.08 | 85 | 154 | Jul 2019 | FCLGA3647 | Server |
| Intel Xeon E5-2628L v4 @ 1.90GHz | $1,364.00* | 13101 | 9.61 | 1311 | 0.96 | 75 | 174 | Feb 2017 | FCLGA2011-3 | Server |
| Intel Core i5-9500F @ 3.00GHz | $202.00* | 13070 | 64.71 | 2612 | 12.94 | 65 | 201 | Jul 2019 | FCLGA1151-2 | Desktop |
| Intel Core i7-4930K @ 3.40GHz | $799.97* | 13023 | 16.28 | 1998 | 2.50 | 130 | 100 | Jan 2013 | LGA2011 | Desktop |
| Intel Core i7-5820K @ 3.30GHz | $209.99 | 13012 | 61.97 | 2025 | 9.65 | 140 | 92 | Sep 2014 | LGA2011-v3 | Desktop |
| Intel Core i7-8850H @ 2.60GHz | $395.00* | 12959 | 32.81 | 2442 | 6.18 | 45 | 287 | Apr 2018 | FCBGA1440 | Laptop |
| Intel Xeon E5-2680 @ 2.70GHz | $63.27 | 12889 | 203.73 | 1749 | 27.66 | 130 | 99 | May 2012 | LGA2011 | Server |
| Intel Xeon E-2226G @ 3.40GHz | $260.00* | 12887 | 49.57 | 2753 | 10.59 | 80 | 161 | Oct 2019 | FCLGA1151-2 | Server |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Xeon E5-2680 v4 @ 1.80GHz | NA | 12841 | NA | 1565 | NA | 85 | 233 | Jan 2017 | FCLGA2011-3 | Server |
| Intel Xeon D-2141I @ 2.20GHz | $555.00* | 12836 | 23.13 | 1656 | 2.99 | 65 | 197 | Jan 2019 | FCBGA2518 | Server |
| Intel Xeon E5-2630 v3 @ 2.40GHz | $99.99 | 12797 | 127.99 | 1744 | 17.44 | 85 | 150 | Oct 2014 | LGA2011-v3 | Server |
| Intel Xeon E-2244G @ 3.80GHz | $272.00* | 12782 | 46.99 | 2741 | 10.08 | 71 | 180 | Oct 2019 | FCLGA1151-2 | Server |
| Intel Xeon E5-1650 v2 @ 3.50GHz | $108.95* | 12765 | 117.17 | 2002 | 18.38 | 130 | 98 | Jul 2013 | FCLGA2011 | Server |
| Intel Core i5-8500B @ 3.00GHz | $192.00* | 12756 | 66.44 | 2465 | 12.84 | 65 | 196 | Jan 2019 | FCBGA1440 | Laptop |
| Intel Xeon E5-4640 v3 @ 1.90GHz | NA | 12703 | NA | 1505 | NA | 105 | 120 | Jun 2017 | FCLGA2011-3 | Server |
| Intel Core i7-3970X @ 3.50GHz | $407.95 | 12692 | 31.11 | 2016 | 4.94 | 150 | 84 | Jan 2012 | LGA2011 | Desktop |
| Intel Core i7-9700TE @ 1.80GHz | $323.00* | 12688 | 39.28 | 2294 | 7.10 | 35 | 362 | Dec 2019 | FCLGA1151-2 | Desktop, Laptop |
| Intel Core i5-8600K @ 3.60GHz | $291.70 | 12682 | 43.48 | 2511 | 8.61 | 95 | 133 | Oct 2017 | FCLGA1151-2 | Desktop |
| Intel Core i7-8700T @ 2.40GHz | $439.00 | 12627 | 28.77 | 2342 | 5.34 | 35 | 360 | Mar 2018 | FCLGA1151-2 | Desktop |
| Intel Xeon E-2274G @ 4.00GHz | $334.00* | 12595 | 37.71 | 2727 | 8.17 | 83 | 151 | Oct 2019 | FCLGA1151-2 | Server |
| Intel Core i7-3960X @ 3.30GHz | $109.99 | 12564 | 114.24 | 1986 | 18.06 | 130 | 96 | Nov 2011 | LGA2011 | Desktop |
| Intel Xeon E5-4627 v2 @ 3.30GHz | $508.95* | 12511 | 24.58 | 1903 | 3.74 | 130 | 96 | Apr 2015 | FCLGA2011 | Server |
| Intel Core i5-8600 @ 3.10GHz | $275.78* | 12489 | 45.29 | 2506 | 9.09 | 65 | 192 | May 2018 | FCLGA1151-2 | Desktop |
| Intel Core i7-10710U @ 1.10GHz | $443.00* | 12392 | 27.97 | 2311 | 5.22 | 15 | 826 | Oct 2019 | FCBGA1528 | Laptop |
| Intel Core i7-8750H @ 2.20GHz | $395.00* | 12391 | 31.37 | 2342 | 5.93 | 45 | 275 | Apr 2018 | FCBGA1440 | Laptop |
| Intel Xeon E5-2670 @ 2.60GHz | $136.10 | 12371 | 90.90 | 1650 | 12.13 | 115 | 107 | Mar 2012 | LGA2011 | Server |
| Intel Core i5-9500 @ 3.00GHz | $321.98 | 12335 | 38.31 | 2599 | 8.07 | 65 | 189 | May 2019 | FCLGA1151-2 | Desktop |
| Intel Xeon W-2125 @ 4.00GHz | $488.27* | 12304 | 25.20 | 2507 | 5.14 | 120 | 102 | Dec 2017 | FCLGA2066 | Server |
| AMD Ryzen 5 1600 | $95.00 | 12295 | 129.42 | 1820 | 19.16 | 65 | 189 | Mar 2017 | AM4 | Desktop |
| Intel Xeon E5-2628L v3 @ 2.00GHz | NA | 12295 | NA | 1475 | NA | 75 | 163 | Jul 2015 | LGA2011-v3 | Server |
| Intel Xeon E5-4655 v3 @ 2.90GHz | $4,616.00* | 12292 | 2.66 | 1823 | 0.39 | 135 | 91 | Apr 2018 | FCLGA2011-3 | Server |
| Intel Xeon E-2174G @ 3.80GHz | $410.86* | 12278 | 29.89 | 2686 | 6.54 | 71 | 172 | Sep 2018 | FCLGA1151-2 | Server |
| AMD Ryzen 5 PRO 1600 | NA | 12213 | NA | 1735 | NA | 65 | 187 | Sep 2017 | AM4 | Desktop |
| Intel Xeon E5-1660 @ 3.30GHz | $1,226.66* | 12210 | 9.95 | 1976 | 1.61 | 130 | 93 | Jul 2012 | LGA2011 | Server |
| Intel Core i7-8559U @ 2.70GHz | $705.00* | 12209 | 17.32 | 2563 | 3.64 | 28 | 436 | Aug 2018 | FCBGA1528 | Laptop |
| Intel Core i7-7740X @ 4.30GHz | $384.90* | 12190 | 31.67 | 2622 | 6.81 | 112 | 108 | Jul 2017 | FCLGA2066 | Desktop |
| Intel Xeon E5-2618L v3 @ 2.30GHz | NA | 12186 | NA | 1931 | NA | 75 | 162 | Feb 2017 | LGA2011-v3 | Server |
| Intel Xeon E5-4650L @ 2.60GHz | $74.98* | 12145 | 161.98 | 1572 | 20.97 | 115 | 105 | Jul 2017 | LGA 2011 | Server |
| Intel Core i5-9400F @ 2.90GHz | $144.99 | 12058 | 83.17 | 2393 | 16.51 | 65 | 185 | Feb 2019 | FCLGA1151-2 | Desktop, Laptop |
| Intel Xeon E3-1285 v6 @ 4.10GHz | $515.50 | 11992 | 23.26 | 2508 | 4.87 | 79 | 151 | Jan 2018 | FCLGA1151 | Server |
| Intel Core i7-7700K @ 4.20GHz | $442.14 | 11990 | 27.12 | 2581 | 5.84 | 95 | 126 | Oct 2016 | LGA 1151 | Desktop |
| Intel Core i7-3930K @ 3.20GHz | $189.99 | 11973 | 63.02 | 1934 | 10.18 | 130 | 92 | Nov 2011 | LGA2011 | Desktop |
| Intel Core i5-9400 @ 2.90GHz | $219.95 | 11898 | 54.10 | 2401 | 10.92 | 65 | 183 | Mar 2019 | FCLGA1151-2 | Desktop |
| Intel Core i5-8500 @ 3.00GHz | $282.86 | 11818 | 41.78 | 2404 | 8.50 | 65 | 181 | Mar 2018 | FCLGA1151-2 | Desktop |
| AMD EPYC 7251 | $516.72 | 11811 | 22.86 | 1309 | 2.54 | 120 | 98 | Feb 2018 | SP3 | Server |
| Intel Xeon E5-2665 @ 2.40GHz | $102.37* | 11750 | 114.79 | 1539 | 15.04 | 115 | 102 | Jun 2012 | LGA2011 | Server |
| Intel Xeon E5-1650 @ 3.20GHz | $495.00* | 11734 | 23.71 | 1940 | 3.92 | 130 | 90 | Apr 2012 | LGA2011 | Server |
| Intel Core i5-9600T @ 2.30GHz | $213.00* | 11706 | 54.96 | 2355 | 11.06 | 35 | 334 | Nov 2019 | FCLGA1151-2 | Desktop |
| AMD EPYC 3251 | $315.00* | 11690 | 37.11 | 1439 | 4.57 | 50 | 233 | Oct 2019 | SP4r2 | Server |
| Intel Xeon Silver 4110 @ 2.10GHz | $440.50 | 11689 | 26.54 | 1545 | 3.51 | 85 | 137 | Oct 2017 | FCLGA3647 | Server |
| Intel Xeon E5-4650 @ 2.70GHz | $69.99* | 11685 | 166.96 | 1611 | 23.02 | 130 | 89 | Jul 2012 | LGA2011 | Server |
| Intel Core i5-8400 @ 2.80GHz | $225.58 | 11564 | 51.27 | 2331 | 10.34 | 65 | 177 | Oct 2017 | FCLGA1151-2 | Desktop |
| Intel Xeon E-2144G @ 3.60GHz | $338.28 | 11532 | 34.09 | 2631 | 7.78 | 71 | 162 | Feb 2019 | FCLGA1151-2 | Server |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Xeon E5-2648L v3 @ 1.80GHz | $1,089.00* | 11382 | 7.98 | 1392 | 0.97 | 75 | 151 | Apr 2016 | LGA2011-3 | Server |
| Intel Xeon E5-2648L v2 @ 1.90GHz | $1,479.00* | 11381 | 7.70 | 1380 | 0.93 | 70 | 162 | Dec 2017 | FCLGA2011 | Server |
| Intel Core i7-9850HL @ 1.90GHz | $395.00* | 11340 | 28.71 | 2083 | 5.27 | 25 | 453 | Dec 2019 | FCBGA1440 | Desktop, Laptop |
| Intel Xeon @ 2.00GHz | NA | 11327 | NA | 1445 | NA | NA | NA | Jun 2019 | NA | Unknown |
| Intel Xeon E5-2620 v4 @ 2.10GHz | $389.00 | 11324 | 29.11 | 1534 | 3.95 | 85 | 133 | May 2016 | FCLGA2011-3 | Server |
| Intel Xeon E5-2651 v2 @ 1.80GHz | NA | 11302 | NA | 1109 | NA | NA | NA | Apr 2016 | LGA 2011 | Server |
| Intel Core i5-9400H @ 2.50GHz | $250.00* | 11299 | 45.20 | 2506 | 10.03 | 45 | 251 | Jul 2019 | FCBGA1440 | Laptop |
| Intel Xeon E5-2660 @ 2.20GHz | $96.33 | 11284 | 117.15 | 1474 | 15.31 | 95 | 118 | Apr 2012 | LGA2011 | Server |
| Intel Xeon E5-2470 v2 @ 2.40GHz | $225.33 | 11268 | 50.01 | 1349 | 5.99 | 95 | 118 | Feb 2016 | LGA 1356 | Server |
| Intel Xeon E3-1270 v6 @ 3.80GHz | $355.07 | 11171 | 31.46 | 2309 | 6.50 | 72 | 155 | May 2017 | FCLGA1151 | Server |
| Intel Core i7-4790K @ 4.00GHz | $309.99 | 11165 | 36.02 | 2528 | 8.16 | 88 | 126 | Jun 2014 | LGA1150 | Desktop |
| Intel Core i7-6700K @ 4.00GHz | $312.39* | 11108 | 35.56 | 2354 | 7.54 | 95 | 116 | Jul 2015 | LGA1151 | Desktop |
| Intel Xeon E5-4648 v3 @ 1.70GHz | NA | 11097 | NA | 1310 | NA | 105 | 105 | Jun 2017 | FCLGA2011-3 | Server |
| Intel Xeon D-1541 @ 2.10GHz | NA | 11083 | NA | 1430 | NA | 45 | 246 | Mar 2016 | FCBGA1667 | Server |
| Intel Xeon E3-1280 v6 @ 3.90GHz | $537.76 | 11041 | 20.53 | 2327 | 4.33 | 72 | 153 | Mar 2017 | FCLGA1151 | Server |
| Intel Xeon E3-1275 v6 @ 3.80GHz | $362.95 | 11028 | 30.38 | 2362 | 6.51 | 73 | 151 | May 2017 | FCLGA1151 | Server |
| Intel Xeon E5-2629 v3 @ 2.40GHz | NA | 11022 | NA | 1290 | NA | 85 | 129 | Oct 2016 | LGA2011-v3 | Server |
| Intel Core i5-8259U @ 2.30GHz | $579.95 | 10994 | 18.96 | 2217 | 3.82 | 28 | 392 | Aug 2018 | FCBGA1528 | Laptop |
| Intel Core i7-8809G @ 3.10GHz | NA | 10994 | NA | 2339 | NA | 100 | 109 | Mar 2018 | BGA2270 | Laptop |
| Intel Xeon E5-2470 @ 2.30GHz | $128.00* | 10982 | 85.80 | 1556 | 12.16 | 95 | 115 | Aug 2013 | LGA 1356 | Server |
| Intel Core i5-8600T @ 2.30GHz | $366.99* | 10981 | 29.92 | 2211 | 6.03 | 35 | 313 | Apr 2018 | FCLGA1151-2 | Desktop |
| Intel Xeon E3-1285L v4 @ 3.40GHz | NA | 10970 | NA | 2199 | NA | 65 | 168 | Apr 2016 | LGA1150 | Server |
| Intel Xeon D-2146NT @ 2.30GHz | $641.00* | 10968 | 17.11 | 1550 | 2.42 | 80 | 137 | Aug 2019 | FCBGA2518 | Server |
| Intel Xeon D-1557 @ 1.50GHz | $694.00* | 10950 | 15.78 | 1103 | 1.59 | 45 | 243 | Aug 2019 | FCBGA1667 | Server |
| AMD Opteron 6386 SE | $144.99 | 10912 | 75.26 | 1200 | 8.28 | 140 | 77 | Jul 2014 | Socket G34 | Server |
| Intel Xeon Silver 4109T @ 2.00GHz | $501.00* | 10908 | 21.77 | 1363 | 2.72 | 70 | 155 | Apr 2018 | FCLGA3647 | Server |
| Intel Xeon Gold 5122 @ 3.60GHz | $1,269.99* | 10896 | 8.58 | 2024 | 1.59 | 105 | 103 | Nov 2017 | FCLGA3647 | Server |
| Intel Xeon E-2134 @ 3.50GHz | $275.53 | 10882 | 39.50 | 2602 | 9.45 | 71 | 153 | Jan 2019 | FCLGA1151-2 | Server |
| Intel Core i7-5775R @ 3.30GHz | NA | 10879 | NA | 2153 | NA | 65 | 167 | May 2016 | LGA1150 | Desktop |
| Intel Core i7-5775C @ 3.30GHz | $686.32* | 10852 | 15.81 | 2204 | 3.21 | 65 | 166 | Jun 2015 | FCLGA1150 | Desktop |
| Intel Core i7-5950HQ @ 2.90GHz | NA | 10850 | NA | 2237 | NA | 47 | 230 | Jul 2015 | FCBGA1364 | Laptop |
| Intel Xeon E5-4640 @ 2.40GHz | $2,730.00* | 10807 | 3.96 | 1461 | 0.54 | 95 | 113 | Aug 2012 | LGA2011 | Server |
| Intel Xeon E3-1585 v5 @ 3.50GHz | $556.00* | 10797 | 19.42 | 2165 | 3.89 | 65 | 166 | May 2017 | FCBGA1440 | Server |
| AMD Ryzen 5 PRO 3400G | NA | 10788 | NA | 2148 | NA | 65 | 165 | Oct 2019 | AM4 | Desktop |
| Intel Core i5-9500T @ 2.20GHz | $192.00* | 10776 | 56.13 | 2165 | 11.28 | 35 | 307 | May 2019 | FCLGA1151-2 | Desktop |
| Intel Core i5-8257U @ 1.40GHz | $320.00* | 10742 | 33.57 | 2275 | 7.11 | 15 | 716 | Nov 2019 | FCBGA1528 | Laptop |
| Intel Xeon D-1540 @ 2.00GHz | NA | 10740 | NA | 1370 | NA | 45 | 238 | Apr 2015 | FCBGA1667 | Server |
| Intel Xeon E5-2667 @ 2.90GHz | $47.00 | 10693 | 227.51 | 1713 | 36.45 | 130 | 82 | Aug 2012 | LGA2011 | Server |
| Intel Xeon E3-1270L v4 @ 3.00GHz | NA | 10691 | NA | 2203 | NA | 45 | 237 | Feb 2019 | LGA1150 | Server |
| Intel Core i7-7700 @ 3.60GHz | $319.00 | 10687 | 33.50 | 2342 | 7.34 | 65 | 164 | Dec 2016 | LGA1151 | Desktop |
| Intel Xeon D-1548 @ 2.00GHz | $555.00* | 10679 | 19.24 | 1402 | 2.53 | 45 | 237 | Apr 2019 | FCBGA1667 | Server |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Xeon Silver 4108 @ 1.80GHz | $xxx.xx | 10674 | 20.xx | 1110 | 2.xx | 85 | 125 | Jan 2018 | FCLGA3647 | Server |
| Intel Xeon W-2123 @ 3.60GHz | $321.99 | 10664 | 33.12 | 2153 | 6.69 | 120 | 88 | Nov 2017 | FCLGA2066 | Server |
| Intel Xeon E3-1575M v5 @ 3.00GHz | $1,207.00* | 10628 | 8.81 | 2115 | 1.75 | 45 | 236 | Jun 2016 | FCBGA1440 | Server |
| Intel Xeon E3-1280 v5 @ 3.70GHz | $690.01* | 10620 | 15.39 | 2198 | 3.19 | 80 | 132 | May 2016 | FCLGA1151 | Server |
| Intel Core i5-8279U @ 2.40GHz | $320.00* | 10599 | 33.12 | 2208 | 6.90 | 28 | 378 | Sep 2019 | FCBGA1528 | Laptop |
| Intel Xeon E3-1245 v6 @ 3.70GHz | $499.95 | 10550 | 21.10 | 2284 | 4.57 | 73 | 144 | Jun 2017 | FCLGA1151 | Server |
| Intel Xeon E3-1535M v6 @ 3.10GHz | $623.00* | 10541 | 16.92 | 2276 | 3.65 | 35 | 301 | Apr 2017 | FCBGA1440 | Laptop, Server |
| Intel Core i7-8706G @ 3.10GHz | NA | 10539 | NA | 2351 | NA | 65 | 162 | Jul 2018 | BGA2270 | Laptop |
| Intel Core i3-9350KF @ 4.00GHz | $175.49 | 10526 | 59.99 | 2626 | 14.97 | 91 | 115 | May 2019 | FCLGA1151-2 | Desktop |
| Intel Xeon E5-2637 v4 @ 3.50GHz | $1,188.65* | 10512 | 8.84 | 2038 | 1.71 | 135 | 77 | May 2016 | FCLGA2011-3 | Server |
| Intel Xeon E3-1285 v4 @ 3.50GHz | NA | 10510 | NA | 2090 | NA | 95 | 110 | Jun 2018 | FCLGA1150 | Server |
| Intel Xeon E3-1285 v3 @ 3.60GHz | NA | 10503 | NA | 2334 | NA | 84 | 125 | Nov 2016 | LGA1150 | Server |
| Intel Xeon E3-1240 v6 @ 3.70GHz | $288.10 | 10487 | 36.40 | 2229 | 7.74 | 72 | 145 | Jul 2017 | FCLGA1151 | Server |
| AMD Ryzen 5 PRO 3400GE | NA | 10483 | NA | 2110 | NA | 35 | 299 | Oct 2019 | AM4 | Desktop |
| Intel Core i7-1065G7 @ 1.30GHz | NA | 10480 | NA | 2520 | NA | 15 | 698 | Jun 2019 | FCBGA-1528 | Laptop |
| Intel Xeon E5-2450 @ 2.10GHz | $79.99 | 10478 | 131.00 | 1399 | 17.49 | 95 | 110 | Apr 2015 | LGA 1356 | Server |
| Intel Core i7-8557U @ 1.70GHz | $431.00* | 10470 | 24.29 | 2391 | 5.55 | 15 | 698 | Dec 2019 | FCBGA1528 | Laptop |
| Intel Xeon E5-2630 v2 @ 2.60GHz | $45.00 | 10378 | 230.64 | 1570 | 34.89 | 80 | 129 | Jul 2013 | FCLGA2011 | Server |
| Intel Core i5-8400H @ 2.50GHz | $250.00* | 10370 | 41.48 | 2443 | 9.77 | 45 | 230 | Jul 2018 | FCBGA1440 | Laptop |
| Intel Xeon E3-1275 v5 @ 3.60GHz | $379.52* | 10353 | 27.28 | 2168 | 5.71 | 80 | 129 | Dec 2015 | FCLGA1151 | Server |
| Intel Xeon E3-1240 v5 @ 3.50GHz | $341.67* | 10319 | 30.20 | 2193 | 6.42 | 80 | 128 | Nov 2015 | FCLGA1151 | Server |
| Intel Core i7-4980HQ @ 2.80GHz | NA | 10306 | NA | 2258 | NA | 47 | 219 | Aug 2014 | FCBGA1364 | Laptop |
| Intel Xeon E5-1630 v4 @ 3.70GHz | NA | 10297 | NA | 2156 | NA | 140 | 73 | Jul 2016 | FCLGA2011-3 | Server |
| Intel Xeon E3-1270 v5 @ 3.60GHz | $436.04 | 10290 | 23.60 | 2175 | 4.99 | 80 | 128 | Nov 2015 | FCLGA1151 | Server |
| Intel Xeon E3-1545M v5 @ 2.90GHz | NA | 10283 | NA | 2031 | NA | 45 | 228 | Feb 2016 | FCBGA1440 | Laptop, Server |
| Intel Xeon E5-2650 @ 2.00GHz | $33.49 | 10257 | 306.27 | 1345 | 40.16 | 95 | 107 | Mar 2012 | LGA2011 | Server |
| Intel Xeon E3-1585L v5 @ 3.00GHz | $445.00* | 10248 | 23.03 | 2032 | 4.57 | 45 | 227 | Jun 2018 | FCBGA1440 | Server |
| Intel Xeon E3-1276 v3 @ 3.60GHz | $1,073.00* | 10241 | 9.54 | 2294 | 2.14 | 84 | 121 | Jun 2014 | FCLGA1150 | Server |
| Intel Xeon E5-1630 v3 @ 3.70GHz | $477.99* | 10228 | 21.40 | 2179 | 4.56 | 140 | 73 | Oct 2014 | LGA2011-v3 | Server |
| Intel Xeon E3-1260L v5 @ 2.90GHz | $736.16* | 10218 | 13.88 | 2163 | 2.94 | 45 | 227 | Jun 2016 | FCLGA1151 | Server |
| Intel Xeon E5-2640 v2 @ 2.00GHz | $39.75* | 10213 | 256.96 | 1232 | 31.00 | 95 | 107 | Feb 2014 | LGA 2011 | Server |
| AMD FX-9590 Eight-Core | $459.95 | 10188 | 22.15 | 1724 | 3.75 | 220 | 46 | Aug 2013 | AM3+ | Desktop |
| Intel Xeon E3-1245 v5 @ 3.50GHz | $345.31* | 10175 | 29.47 | 2138 | 6.19 | 80 | 127 | Dec 2015 | FCLGA1151 | Server |
| Intel Core i3-9320 @ 3.70GHz | $162.00* | 10144 | 62.62 | 2552 | 15.76 | 62 | 163 | Sep 2019 | FCLGA1151-2 | Desktop |
| AMD Ryzen 5 PRO 1500 | NA | 10133 | NA | 1901 | NA | 65 | 155 | Jul 2017 | AM4 | Desktop |
| Intel Xeon E3-1271 v3 @ 3.60GHz | $888.00* | 10118 | 11.40 | 2276 | 2.56 | 80 | 126 | Aug 2014 | FCLGA1150 | Server |
| Intel Xeon E5-2637 v3 @ 3.50GHz | $124.98 | 10117 | 80.96 | 2130 | 17.05 | 135 | 74 | Oct 2014 | LGA2011-v3 | Server |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD Ryzen 3 1300X | $119.98 | 10112 | 57.15 | 1581 | 12.15 | 65 | 155 | Apr 2017 | AM4 | Desktop |
| Intel Xeon E-2224 @ 3.40GHz | $198.00* | 10096 | 50.99 | 2699 | 13.63 | 71 | 142 | Jul 2019 | FCLGA1151-2 | Server |
| AMD Opteron 6380 | $59.00 | 10081 | 170.88 | 1141 | 19.35 | 115 | 87 | Mar 2015 | G34 | Server |
| Intel Core i7-4770K @ 3.50GHz | $345.98 | 10073 | 29.12 | 2249 | 6.50 | 84 | 119 | Jun 2013 | LGA1150 | Desktop |
| Intel Xeon E3-1275 v3 @ 3.50GHz | $400.99* | 10043 | 25.05 | 2226 | 5.55 | 95 | 105 | Jun 2013 | LGA1150 | Server |
| Intel Xeon E3-1281 v3 @ 3.70GHz | $877.75* | 10031 | 11.43 | 2249 | 2.56 | 82 | 122 | Apr 2015 | LGA1150 | Server |
| Intel Xeon E3-1241 v3 @ 3.50GHz | $369.99 | 10024 | 27.09 | 2256 | 6.10 | 80 | 125 | Sep 2014 | LGA1150 | Server |
| Intel Core i3-9300 @ 3.70GHz | $152.00* | 10018 | 65.91 | 2529 | 16.64 | 62 | 161 | Jul 2019 | FCLGA1151-2 | Desktop |
| Intel Xeon E3-1515M v5 @ 2.80GHz | NA | 10016 | NA | 2003 | NA | 45 | 222 | Feb 2017 | FCBGA1440 | Server |
| Intel Core i7-6700 @ 3.40GHz | $349.89 | 10004 | 28.59 | 2155 | 6.16 | 65 | 153 | Sep 2015 | LGA 1151 | Desktop |
| AMD Ryzen 5 3400G | $144.99 | 9993 | 68.93 | 2095 | 14.45 | 65 | 153 | Jul 2019 | AM4 | Desktop |
| Intel Core i7-4790 @ 3.60GHz | $187.15 | 9991 | 53.39 | 2282 | 12.20 | 84 | 118 | May 2014 | FCLGA1150 | Desktop |
| Intel Core i7-7920HQ @ 3.10GHz | $568.00* | 9991 | 17.59 | 2109 | 3.71 | 45 | 222 | Apr 2017 | FCBGA1440 | Laptop |
| AMD Ryzen 5 PRO 2400G | NA | 9984 | NA | 1989 | NA | 65 | 153 | May 2018 | AM4 | Desktop |
| Intel Xeon E3-1285L v3 @ 3.10GHz | $808.02* | 9981 | 12.35 | 2263 | 2.80 | 65 | 153 | Nov 2014 | LGA1150 | Server |
| Intel Xeon E5-2620 v3 @ 2.40GHz | $55.00 | 9977 | 181.40 | 1700 | 30.91 | 85 | 117 | Nov 2014 | LGA2011-v3 | Server |
| Intel Core i5-8500T @ 2.10GHz | $234.36* | 9968 | 42.53 | 2037 | 8.69 | 35 | 284 | Apr 2018 | FCLGA1151-2 | Desktop |
| Intel Core i7-7820HK @ 2.90GHz | $378.00* | 9961 | 26.35 | 2078 | 5.50 | 45 | 221 | Jan 2017 | FCBGA1440 | Laptop |
| Intel Xeon E3-1270 v3 @ 3.50GHz | $199.99 | 9924 | 49.62 | 2231 | 11.16 | 80 | 124 | Jun 2013 | LGA1150 | Server |
| Intel Xeon E3-1286 v3 @ 3.70GHz | $839.00* | 9899 | 11.80 | 2248 | 2.68 | 84 | 117 | Oct 2014 | LGA1150 | Server |
| Intel Xeon E5-1620 v4 @ 3.50GHz | $406.48 | 9899 | 24.35 | 2070 | 5.09 | 140 | 70 | May 2016 | FCLGA2011-3 | Server |
| Intel Core i7-8705G @ 3.10GHz | $1,408.75* | 9898 | 7.03 | 2213 | 1.57 | 65 | 152 | Feb 2018 | BGA2270 | Laptop |
| Intel Xeon E-2124G @ 3.40GHz | $267.60 | 9891 | 36.96 | 2590 | 9.68 | 71 | 139 | Nov 2018 | FCLGA1151-2 | Server |
| Intel Xeon E5-2650L v2 @ 1.70GHz | $75.00* | 9880 | 131.74 | 1126 | 15.02 | 70 | 141 | Mar 2017 | FCLGA2011 | Server |
| Intel Core i5-9300H @ 2.40GHz | $250.00* | 9878 | 39.51 | 2357 | 9.43 | 45 | 219 | May 2019 | FCBGA1440 | Laptop |
| Intel Xeon E3-1246 v3 @ 3.50GHz | $409.00* | 9866 | 24.12 | 2243 | 5.49 | 84 | 117 | Jun 2014 | FCLGA1150 | Server |
| Intel Xeon E-2224G @ 3.50GHz | $218.00* | 9863 | 45.25 | 2773 | 12.72 | 71 | 138 | Jul 2019 | FCLGA1151-2 | Server |
| Intel Core i7-4771 @ 3.50GHz | $609.99* | 9856 | 16.16 | 2215 | 3.63 | 84 | 117 | Jan 2013 | LGA1150 | Desktop |
| Intel Core i7-4960HQ @ 2.60GHz | $623.00* | 9856 | 15.82 | 2165 | 3.48 | 47 | 209 | Sep 2013 | FCBGA1364 | Laptop |
| Intel Core i7-4770R @ 3.20GHz | NA | 9830 | NA | 2148 | NA | 65 | 151 | Jan 2014 | FCBGA1364 | Desktop |
| Intel Core i7-5850EQ @ 2.70GHz | $435.00* | 9817 | 22.57 | 1964 | 4.52 | 47 | 208 | Nov 2018 | FCBGA1364 | Laptop |
| Intel Xeon E3-1230 v6 @ 3.50GHz | $279.00 | 9802 | 35.13 | 2008 | 7.20 | 72 | 136 | Jun 2017 | FCLGA1151 | Server |
| Intel Core i7-995X @ 3.60GHz | NA | 9791 | NA | 1655 | NA | NA | NA | Sep 2010 | NA | Desktop |
| AMD Opteron 6287 SE | NA | 9789 | NA | 1036 | NA | NA | NA | Jan 2015 | G34 | Server |
| Intel Xeon E3-1280 v3 @ 3.60GHz | $449.00* | 9784 | 21.79 | 2267 | 5.05 | 82 | 119 | Jun 2013 | LGA1150 | Server |
| Intel Core i7-4770 @ 3.40GHz | $185.99 | 9780 | 52.59 | 2227 | 11.98 | 84 | 116 | Jun 2013 | LGA1150 | Desktop |
| Intel Core i7-8709G @ 3.10GHz | NA | 9780 | NA | 2177 | NA | 100 | 97 | Nov 2018 | BGA2270 | Laptop |
| Intel Core i7-4940MX @ 3.10GHz | $709.95* | 9779 | 13.77 | 2243 | 3.16 | 57 | 171 | Mar 2014 | FPGA946,FPGA947 | Laptop |
| Intel Core i5-9400T @ 1.80GHz | $182.00* | 9777 | 53.72 | 1981 | 10.89 | 35 | 279 | Jul 2019 | FCLGA1151-2 | Desktop |
| Intel Xeon E3-1230 v5 @ 3.40GHz | $341.53* | 9767 | 28.60 | 2076 | 6.08 | 80 | 122 | Jan 2016 | FCLGA1151 | Server |
| Intel Xeon E5-1620 v3 @ 3.50GHz | $127.88* | 9750 | 76.25 | 2045 | 16.00 | 140 | 69 | Sep 2014 | LGA2011-v3 | Server |

| CPU Name | Price[1] | CPU Mark | CPU Value[2] | Thread Mark | Thread Value[3] | TDP (W) | Power Perf.[4] | Test Date[5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Core i5-1035G7 @ 1.20GHz | $320.00 | 9720 | 39.33 | 2586 | 1.16 | 15 | 615 | Oct 2019 | FCBGA1526 | Laptop |
| Intel Core i7-4820K @ 3.70GHz | $219.99* | 9719 | 44.18 | 2016 | 9.16 | 130 | 74 | Jul 2013 | FCLGA2011 | Desktop |
| Intel Core i7-6770HQ @ 2.60GHz | $1,001.88* | 9717 | 9.70 | 1907 | 1.90 | 45 | 215 | Apr 2016 | FCBGA1440 | Laptop |
| AMD Ryzen 5 2500X | NA | 9704 | NA | 2088 | NA | 65 | 149 | Feb 2019 | AM4 | Desktop |
| Intel Xeon E3-1240 v3 @ 3.40GHz | $384.40* | 9682 | 25.19 | 2180 | 5.67 | 80 | 121 | Jun 2013 | LGA1150 | Server |
| Intel Xeon E3-1505M v6 @ 3.00GHz | NA | 9678 | NA | 2117 | NA | 45 | 215 | Jan 2017 | NA | Server |
| Intel Xeon E5-2630L v3 @ 1.80GHz | $479.90 | 9666 | 20.14 | 1606 | 3.35 | 55 | 175 | Jun 2016 | LGA2011-v3 | Server |
| Intel Xeon E3-1290 V2 @ 3.70GHz | $885.00* | 9654 | 10.91 | 2154 | 2.43 | 87 | 110 | May 2012 | LGA1155 | Server |
| Intel Xeon D-1531 @ 2.20GHz | $348.00* | 9643 | 27.71 | 1502 | 4.32 | 45 | 214 | Oct 2017 | FCBGA1667 | Server |
| AMD EPYC 3201 | NA | 9634 | NA | 1652 | NA | 30 | 321 | Jun 2019 | SP4r2 | Server |
| Intel Xeon E3-1231 v3 @ 3.40GHz | $509.95 | 9634 | 18.89 | 2169 | 4.26 | 80 | 120 | May 2014 | FCLGA1150 | Server |
| Intel Core i7-10510U @ 1.80GHz | $409.00* | 9633 | 23.55 | 2439 | 5.96 | 15 | 642 | Sep 2019 | FCBGA1528 | Laptop |
| Intel Xeon E5-2658 @ 2.10GHz | $1,462.00* | 9632 | 6.59 | 1253 | 0.86 | 95 | 101 | Jun 2012 | LGA2011 | Server |
| Intel Xeon E3-1245 v3 @ 3.40GHz | $309.00 | 9593 | 31.05 | 2176 | 7.04 | 84 | 114 | Jun 2013 | LGA1150 | Server |
| Intel Core i7-4790S @ 3.20GHz | $269.00 | 9562 | 35.55 | 2244 | 8.34 | 65 | 147 | Jun 2014 | LGA1150 | Desktop |
| Intel Core i7-6920HQ @ 2.90GHz | $568.00* | 9552 | 16.82 | 2009 | 3.54 | 45 | 212 | Feb 2016 | FCBGA1440 | Laptop |
| Intel Xeon E5-4610 @ 2.40GHz | $1,223.00* | 9552 | 7.81 | 1561 | 1.28 | 95 | 100 | Nov 2018 | FCLGA2011 | Server |
| Intel Core i7-3770K @ 3.50GHz | $209.00 | 9514 | 45.52 | 2083 | 9.97 | 77 | 123 | Apr 2012 | LGA1155 | Desktop |
| Intel Xeon E5-1620 v2 @ 3.70GHz | $46.00 | 9501 | 206.55 | 1979 | 43.02 | 130 | 73 | Jul 2013 | FCLGA2011 | Server |
| Intel Core i5-8400T @ 1.70GHz | $189.00* | 9498 | 50.26 | 1925 | 10.19 | 35 | 271 | May 2018 | FCLGA1151-2 | Desktop |
| Intel Xeon E3-1286L v3 @ 3.20GHz | $774.00* | 9495 | 12.27 | 2268 | 2.93 | 65 | 146 | Jan 2018 | LGA1150 | Server |
| Intel Xeon E3-1270 V2 @ 3.50GHz | $189.99 | 9478 | 49.89 | 2089 | 11.00 | 69 | 137 | Jul 2012 | LGA1155 | Server |
| Intel Core i5-8300H @ 2.30GHz | $250.00* | 9475 | 37.90 | 2298 | 9.19 | 45 | 210 | May 2018 | FCLGA1151-2 | Laptop |
| AMD FX-9370 Eight-Core | $555.00 | 9464 | 17.05 | 1611 | 2.90 | 220 | 43 | Jul 2013 | AM3+ | Desktop |
| Intel Core i7-5850HQ @ 2.70GHz | $434.00* | 9459 | 21.80 | 2076 | 4.78 | 47 | 201 | Dec 2015 | FCBGA1364 | Laptop |
| Intel Xeon E-2254ML @ 1.70GHz | NA | 9458 | NA | 2092 | NA | 25 | 378 | Dec 2019 | FCBGA1440 | Server |
| Intel Xeon E3-1280 V2 @ 3.60GHz | $360.00* | 9456 | 26.27 | 2095 | 5.82 | 69 | 137 | May 2012 | LGA1155 | Server |
| Intel Core i7-4930MX @ 3.00GHz | $1,096.00* | 9444 | 8.62 | 2163 | 1.97 | 57 | 165 | Jan 2013 | FCPGA946 | Laptop |
| Intel Core i5-7640X @ 4.00GHz | $309.00 | 9440 | 30.55 | 2449 | 7.93 | 112 | 84 | Jul 2017 | FCLGA2066 | Desktop |
| Intel Xeon E3-1275 V2 @ 3.50GHz | $394.72* | 9424 | 23.88 | 2079 | 5.27 | 77 | 122 | Apr 2012 | LGA1155 | Server |
| Intel Xeon E5-2640 @ 2.50GHz | $95.90* | 9420 | 98.24 | 1500 | 15.65 | 95 | 99 | Apr 2012 | LGA2011 | Server |
| Intel Xeon E5-2628L v2 @ 1.90GHz | NA | 9405 | NA | 1116 | NA | 70 | 134 | Aug 2015 | LGA 2011 | Server |
| AMD Opteron 6344 | $389.00* | 9372 | 24.09 | 1172 | 3.01 | 115 | 81 | Jul 2013 | NA | Server |
| Intel Xeon E-2124 @ 3.30GHz | $219.99* | 9363 | 42.57 | 2458 | 11.17 | 71 | 131 | Apr 2019 | FCLGA1151-2 | Server |
| Intel Core i7-4770S @ 3.10GHz | $610.00* | 9355 | 15.34 | 2173 | 3.56 | 65 | 143 | Jun 2013 | LGA1150 | Desktop |
| Intel Core i7-4870HQ @ 2.50GHz | NA | 9353 | NA | 2046 | NA | 47 | 199 | Aug 2014 | FCBGA1364 | Laptop |
| Intel Core i7-4910MQ @ 2.90GHz | $459.95* | 9336 | 20.30 | 2156 | 4.69 | 47 | 198 | May 2014 | FCPGA946 | Laptop |
| Intel Xeon E3-1230 v3 @ 3.30GHz | $320.99 | 9329 | 29.06 | 2094 | 6.52 | 80 | 116 | Jun 2013 | LGA1150 | Server |
| AMD Ryzen 5 2400G | $149.99 | 9328 | 62.19 | 1947 | 12.98 | 65 | 143 | Feb 2018 | AM4 | Desktop |

## CPU Benchmarks ▼

# CPU Benchmarks

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Xeon E3-1505M v5 @ 2.90GHz | $525.00 | 9320 | 17.57 | 1909 | 3.13 | 45 | 207 | Dec 2015 | FCBGA1440 | Laptop, Server |
| Intel Core i7-7700T @ 2.90GHz | $385.00 | 9318 | 24.20 | 2049 | 5.32 | 35 | 266 | Feb 2017 | FCLGA1151 | Desktop |
| Intel Xeon E5-4617 @ 2.90GHz | $89.90* | 9313 | 103.59 | 1730 | 19.25 | 130 | 71 | Feb 2014 | LGA 2011 | Server |
| Intel Xeon E5-2637 v2 @ 3.50GHz | $69.99* | 9293 | 132.78 | 1869 | 26.71 | 130 | 71 | Mar 2014 | LGA 2011 | Server |
| Intel Xeon E5-2440 v2 @ 1.90GHz | $509.95* | 9290 | 18.22 | 1114 | 2.19 | 95 | 97 | Oct 2014 | LGA 1356 | Server |
| Intel Core i7-3770 @ 3.40GHz | $119.93 | 9276 | 77.35 | 2068 | 17.24 | 77 | 120 | Mar 2012 | LGA1155 | Desktop |
| Intel Core i7-4860HQ @ 2.40GHz | NA | 9275 | NA | 1963 | NA | 47 | 197 | Aug 2014 | FCBGA1364 | Laptop |
| Intel Core i7-7820HQ @ 2.90GHz | $378.00* | 9261 | 24.50 | 2046 | 5.42 | 45 | 205 | Feb 2017 | FCBGA1440 | Laptop |
| Intel Xeon E5-4620 @ 2.20GHz | $134.21* | 9248 | 68.91 | 1265 | 9.43 | 95 | 97 | Oct 2015 | LGA 2011 | Server |
| Intel Core i3-8350K @ 4.00GHz | $198.75 | 9237 | 46.48 | 2337 | 11.76 | 91 | 101 | Oct 2017 | FCLGA1151-2 | Desktop |
| Intel Xeon E5-4607 v2 @ 2.60GHz | NA | 9234 | NA | 1393 | NA | 95 | 97 | Jul 2016 | FCLGA2011 | Server |
| Intel Xeon E5-2440 @ 2.40GHz | $35.00 | 9221 | 263.47 | 1458 | 41.68 | 95 | 97 | Mar 2014 | LGA 1356 | Server |
| AMD Opteron 6376 | $65.00 | 9212 | 141.72 | 1101 | 16.94 | 115 | 80 | Aug 2013 | Socket G34 | Server |
| Intel Xeon E3-1265L v3 @ 2.50GHz | $709.95 | 9185 | 12.94 | 2133 | 3.00 | 45 | 204 | Jan 2012 | FCLGA1150 | Server |
| Intel Core i7-3940XM @ 3.00GHz | $609.95* | 9168 | 15.03 | 1988 | 3.26 | 55 | 166 | Oct 2012 | rPGA988B | Laptop |
| Intel Xeon E3-1240 V2 @ 3.40GHz | $106.99 | 9154 | 85.56 | 2026 | 18.94 | 69 | 132 | Jul 2012 | LGA1155 | Server |
| Intel Core i7-7820EQ @ 3.00GHz | $378.00* | 9144 | 24.19 | 2114 | 5.59 | 45 | 203 | Jun 2019 | FCBGA1440 | Laptop |
| Intel Xeon E3-1245 V2 @ 3.40GHz | $123.99 | 9133 | 73.66 | 2011 | 16.22 | 77 | 118 | May 2012 | LGA1155 | Server |
| Intel Core i7-6820HK @ 2.70GHz | $378.00* | 9118 | 24.12 | 1885 | 4.99 | 45 | 202 | Oct 2015 | FCBGA1440 | Laptop |
| AMD Opteron 6282 SE | $640.00 | 9116 | 14.24 | 900 | 1.41 | 140 | 65 | Feb 2013 | NA | Server |
| AMD Opteron 6378 | $190.00 | 9094 | 47.87 | 1073 | 5.65 | 115 | 79 | Feb 2015 | G34 | Server |
| Intel Xeon E5-2630L v2 @ 2.40GHz | $36.34 | 9088 | 250.09 | 1354 | 37.27 | 60 | 151 | Nov 2014 | LGA 2011 | Server |
| Intel Core i7-4790T @ 2.70GHz | $359.99 | 9078 | 25.22 | 2165 | 6.02 | 45 | 201 | May 2014 | LGA1150 | Desktop |
| Intel Xeon E5-1620 @ 3.60GHz | $329.93* | 9072 | 27.50 | 1949 | 5.91 | 130 | 69 | May 2012 | LGA2011 | Server |
| Intel Xeon E5-2430 v2 @ 2.50GHz | $559.99 | 9061 | 16.18 | 1329 | 2.37 | 80 | 113 | Jul 2014 | LGA 1356 | Server |
| Intel Xeon E3-1265L v4 @ 2.30GHz | NA | 9060 | NA | 1832 | NA | 35 | 258 | Jul 2018 | FCLGA1150 | Server |
| Intel Core i7-4850HQ @ 2.30GHz | $434.00* | 9056 | 20.87 | 1946 | 4.49 | 47 | 192 | Jul 2013 | FCBGA1364 | Laptop |
| Intel Core i5-7600K @ 3.80GHz | $309.99 | 9049 | 29.19 | 2380 | 7.68 | 91 | 99 | Jan 2017 | FCLGA1151 | Desktop |
| Intel Core i7-990X @ 3.47GHz | $349.99* | 9049 | 25.86 | 1515 | 4.33 | 130 | 69 | Jan 2011 | LGA1366 | Desktop |
| AMD FX-8370 Eight-Core | $250.00* | 9048 | 36.20 | 1537 | 6.15 | 125 | 72 | Sep 2014 | AM3+ | Desktop |
| AMD Ryzen 5 2400GE | NA | 9044 | NA | 1938 | NA | 35 | 258 | Jun 2018 | AM4 | Desktop |
| Intel Core i5-8305G @ 2.80GHz | NA | 9000 | NA | 2071 | NA | 65 | 138 | Jul 2018 | BGA2270 | Laptop |
| Intel Core i7-6700T @ 2.80GHz | $375.99* | 8995 | 23.92 | 1972 | 5.25 | 35 | 257 | Oct 2015 | LGA 1151 | Desktop |
| Intel Core i7-3820 @ 3.60GHz | $169.00 | 8987 | 53.18 | 1941 | 11.49 | 130 | 69 | Jan 2012 | LGA2011 | Desktop |
| Intel Xeon E5-2623 v3 @ 3.00GHz | $649.00* | 8987 | 13.85 | 1923 | 2.96 | 105 | 85 | Feb 2015 | LGA2011-v3 | Server |
| Intel Core i7-3920XM @ 2.90GHz | $1,096.00* | 8984 | 8.20 | 1960 | 1.79 | 55 | 163 | May 2012 | FCPGA988 | Laptop |
| Intel Core i7-4900MQ @ 2.80GHz | $586.67* | 8975 | 15.30 | 2073 | 3.53 | 47 | 190 | Jan 2013 | FCPGA946 | Laptop |
| Intel Xeon E3-1505M v5 @ 2.80GHz | NA | 8966 | NA | 1915 | NA | 45 | 199 | Nov 2015 | FCBGA1440 | Server |
| Intel Core i7-4770HQ @ 2.20GHz | NA | 8961 | NA | 1896 | NA | 47 | 190 | Oct 2014 | FCBGA1364 | Laptop |
| Intel Xeon W3690 @ 3.47GHz | $195.01 | 8959 | 45.94 | 1560 | 8.00 | 130 | 68 | Mar 2011 | LGA1366 | Server |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD FX-8350 Eight-Core | $279.99 | 8960 | 32.05 | 1513 | 5.39 | 125 | 71 | Oct 2012 | AM3 | Desktop |
| Intel Xeon X5679 @ 3.20GHz | NA | 8958 | NA | 1507 | NA | 115 | 77 | Dec 2011 | LGA1366 | Server |
| Intel Xeon E5-2448L v2 @ 1.80GHz | $1,424.00* | 8954 | 6.29 | 1263 | 0.89 | 70 | 127 | Mar 2018 | LGA 1356 | Server |
| Intel Core i5-1035G4 @ 1.10GHz | $309.00* | 8953 | 28.98 | 2399 | 7.76 | 15 | 596 | Oct 2019 | FCBGA1526 | Laptop |
| Intel Xeon E5-2630 @ 2.30GHz | $39.94* | 8910 | 223.10 | 1402 | 35.13 | 95 | 93 | Apr 2012 | LGA2011 | Server |
| Intel Xeon W3680 @ 3.33GHz | $159.95* | 8899 | 55.64 | 1519 | 9.50 | 130 | 68 | Apr 2010 | LGA1366 | Server |
| Intel Core i3-9100F @ 3.60GHz | $89.99 | 8898 | 98.89 | 2401 | 26.69 | 65 | 136 | May 2019 | FCLGA1151-2 | Desktop |
| Intel Core i7-3770S @ 3.10GHz | $309.99 | 8897 | 28.70 | 2026 | 6.54 | 65 | 136 | May 2012 | LGA1155 | Desktop |
| Intel Xeon E3-1275L v3 @ 2.70GHz | NA | 8896 | NA | 2169 | NA | 45 | 197 | Feb 2015 | LGA1150 | Server |
| AMD Ryzen 7 3750H | NA | 8891 | NA | 1946 | NA | 35 | 254 | May 2019 | FP5 | Laptop |
| AMD Opteron 6276 | $169.00 | 8889 | 52.60 | 1029 | 6.09 | 115 | 77 | Mar 2013 | Socket G34 | Server |
| Intel Core i3-9100 @ 3.60GHz | $129.99 | 8878 | 68.30 | 2363 | 18.19 | 65 | 136 | Jun 2019 | FCLGA1151-2 | Desktop |
| AMD Ryzen 7 PRO 2700U | NA | 8873 | NA | 1862 | NA | 15 | 591 | May 2018 | FP5 | Laptop |
| Intel Xeon E3-1230 V2 @ 3.30GHz | $78.00 | 8871 | 113.74 | 1949 | 25.00 | 69 | 128 | May 2012 | LGA1155 | Server |
| Intel Xeon E5-4610 v3 @ 1.70GHz | $1,219.00* | 8853 | 7.26 | 1021 | 0.84 | 105 | 84 | Aug 2019 | FCLGA2011-3 | Server |
| Intel Xeon E5-2420 v2 @ 2.20GHz | $94.48* | 8822 | 93.38 | 1374 | 14.55 | 80 | 110 | Apr 2014 | FCLGA1356 | Server |
| Intel Core i5-1035G1 @ 1.00GHz | $297.00* | 8813 | 29.67 | 2390 | 8.05 | 15 | 587 | Sep 2019 | FCBGA1526 | Laptop |
| Intel Core i7-8565U @ 1.80GHz | NA | 8804 | NA | 2317 | NA | 15 | 586 | Aug 2018 | FCBGA1356 | Laptop |
| Intel Core i7-4760HQ @ 2.10GHz | NA | 8793 | NA | 1836 | NA | 47 | 187 | Oct 2014 | FCBGA1364 | Laptop |
| Intel Xeon X5690 @ 3.47GHz | $109.00 | 8782 | 80.57 | 1535 | 14.09 | 130 | 67 | Mar 2011 | LGA1366 | Server |
| Intel Core i3-9300T @ 3.20GHz | $143.00* | 8777 | 61.38 | 2234 | 15.62 | 35 | 250 | Jul 2019 | FCLGA1151-2 | Desktop |
| Intel Xeon E3-1290 @ 3.60GHz | $885.00* | 8768 | 9.91 | 2029 | 2.29 | 95 | 92 | Dec 2011 | LGA1155 | Server |
| Intel Core i7-6820HQ @ 2.70GHz | NA | 8764 | NA | 1876 | NA | 45 | 194 | Nov 2015 | FCBGA1440 | Laptop |
| Intel Core i7-7700HQ @ 2.80GHz | $378.00* | 8763 | 23.18 | 1991 | 5.27 | 45 | 194 | Dec 2016 | FCBGA1440 | Laptop |
| Intel Core i7-3840QM @ 2.80GHz | $335.00* | 8762 | 26.16 | 1912 | 5.71 | 45 | 194 | Aug 2012 | rPGA988B | Laptop |
| Intel Core i7-980X @ 3.33GHz | $1,109.95 | 8742 | 7.88 | 1455 | 1.31 | 130 | 67 | Mar 2010 | LGA1366 | Desktop |
| Intel Core i7-8665UE @ 1.70GHz | $409.00* | 8731 | 21.35 | 2436 | 5.96 | 15 | 582 | Nov 2019 | FCBGA1528 | Laptop |
| Intel Core i3-8300 @ 3.70GHz | $182.26 | 8696 | 47.72 | 2168 | 11.90 | 62 | 140 | Jun 2018 | FCLGA1151-2 | Desktop |
| Intel Xeon E3-1268L v5 @ 2.40GHz | $456.54* | 8695 | 19.05 | 1750 | 3.83 | 35 | 248 | Mar 2018 | FCLGA1151 | Laptop, Server |
| Intel Core i7-2700K @ 3.50GHz | $300.00 | 8689 | 28.96 | 2006 | 6.69 | 95 | 91 | Oct 2011 | LGA1155 | Desktop |
| Intel Core i7-6820EQ @ 2.80GHz | NA | 8683 | NA | 1932 | NA | 45 | 192 | Jun 2016 | FCBGA1440 | Laptop |
| Intel Xeon E5-1428L v2 @ 2.20GHz | $494.00* | 8679 | 17.57 | 1350 | 2.73 | 60 | 144 | Sep 2019 | FCLGA1356 | Server |
| Intel Core i7-6700TE @ 2.40GHz | NA | 8674 | NA | 1923 | NA | 35 | 247 | Jun 2016 | LGA 1151 | Desktop |
| Intel Core i7-8650U @ 1.90GHz | $409.99* | 8674 | 21.16 | 2209 | 5.39 | 15 | 578 | Aug 2017 | FC-BGA1356 | Laptop |
| Intel Core i7-4810MQ @ 2.80GHz | $189.95* | 8656 | 45.57 | 2070 | 10.90 | 47 | 184 | Mar 2014 | FCPGA946 | Laptop |
| Intel Xeon E5-2623 v4 @ 2.60GHz | $549.00* | 8643 | 15.74 | 1578 | 2.88 | 85 | 101 | Jun 2016 | FCLGA2011-3 | Server |
| Intel Core i7-8665U @ 1.90GHz | $409.00* | 8627 | 21.09 | 2341 | 5.73 | 15 | 575 | Apr 2019 | FCBGA1528 | Laptop |
| Intel Xeon E5-2620 v2 @ 2.10GHz | $39.00 | 8619 | 221.00 | 1290 | 33.09 | 80 | 107 | Jul 2013 | FCLGA2011 | Server |
| Intel Core i5-7600 @ 3.50GHz | $243.99 | 8618 | 35.32 | 2278 | 9.34 | 65 | 132 | Jan 2017 | FCLGA1151 | Desktop |
| Intel Core i7-4770T @ 2.50GHz | $399.99* | 8610 | 21.53 | 2072 | 5.18 | 45 | 191 | Jan 2013 | LGA1150 | Desktop |
| Intel Core i5-10210U @ 1.60GHz | $297.00* | 8571 | 28.86 | 2306 | 7.77 | 15 | 571 | Sep 2019 | FCBGA1528 | Laptop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD Ryzen Embedded V1756B | NA | 8558 | NA | 1593 | NA | 45 | 190 | Oct 2019 | FP5 | Desktop |
| Intel Core i3-8100B @ 3.60GHz | $133.00* | 8544 | 64.24 | 2173 | 16.34 | 65 | 131 | Feb 2019 | FCBGA1440 | Laptop |
| AMD Ryzen 3 PRO 3200G | NA | 8528 | NA | 2060 | NA | 65 | 131 | Oct 2019 | AM4 | Desktop |
| AMD Ryzen Embedded V1807B | NA | 8528 | NA | 1806 | NA | 45 | 189 | Aug 2018 | FP5 | Laptop |
| Intel Core i7-980 @ 3.33GHz | $199.98* | 8528 | 42.65 | 1442 | 7.22 | 130 | 65 | Jul 2011 | LGA1366 | Desktop |
| Intel Xeon Silver 4112 @ 2.60GHz | $513.99* | 8526 | 16.59 | 1672 | 3.25 | 85 | 100 | Feb 2018 | FCLGA3647 | Server |
| AMD Ryzen 7 2800H | NA | 8498 | NA | 1922 | NA | 45 | 188 | Jan 2019 | FP5 | Laptop |
| AMD Ryzen 5 PRO 3500U | NA | 8492 | NA | 1900 | NA | 15 | 566 | Jul 2019 | FP5 | Laptop |
| AMD Ryzen 7 PRO 3700U | NA | 8487 | NA | 1917 | NA | 15 | 565 | Apr 2019 | FP5 | Laptop |
| Intel Xeon E5-2650L @ 1.80GHz | $75.00 | 8483 | 113.11 | 1198 | 15.99 | 70 | 121 | Jan 2012 | LGA 2011 | Server |
| Intel Xeon E5-2643 @ 3.30GHz | $58.97* | 8453 | 143.36 | 1811 | 30.73 | 130 | 65 | Jun 2012 | LGA2011 | Server |
| Intel Core i7-4800MQ @ 2.70GHz | $204.00* | 8445 | 41.40 | 1994 | 9.78 | 47 | 179 | Jan 2013 | rPGA946B | Laptop |
| Intel Xeon D-1537 @ 1.70GHz | $571.00* | 8445 | 14.79 | 940 | 1.65 | 35 | 241 | Apr 2018 | FCBGA1667 | Server |
| Intel Xeon D-1539 @ 1.60GHz | $486.00* | 8443 | 17.37 | 1004 | 2.07 | 35 | 241 | Sep 2019 | FCBGA1667 | Server |
| Intel Core i7-2600K @ 3.40GHz | $160.00 | 8431 | 52.70 | 1941 | 12.13 | 95 | 88 | Nov 2010 | LGA1155 | Desktop |
| Intel Xeon E3-1280 @ 3.50GHz | $332.20 | 8420 | 25.35 | 1978 | 5.96 | 95 | 88 | Jun 2011 | LGA1155 | Server |
| AMD Ryzen 5 PRO 2400GE | NA | 8418 | NA | 1898 | NA | 35 | 240 | May 2018 | AM4 | Desktop |
| AMD Ryzen 5 3550H | NA | 8416 | NA | 1875 | NA | 35 | 240 | Feb 2019 | FP5 | Laptop |
| Intel Core i7-3820QM @ 2.70GHz | $285.00* | 8403 | 29.49 | 1844 | 6.47 | 45 | 186 | May 2012 | BGA1224 | Laptop |
| AMD Ryzen 5 1400 | $143.76 | 8374 | 58.25 | 1714 | 11.93 | 65 | 128 | Apr 2017 | AM4 | Desktop |
| AMD Ryzen 5 2600H | NA | 8366 | NA | 1887 | NA | 45 | 185 | Mar 2019 | FP5 | Laptop |
| Intel Xeon X5680 @ 3.33GHz | $69.95 | 8354 | 119.44 | 1477 | 21.12 | 130 | 64 | Apr 2010 | LGA1366 | Server |
| AMD Ryzen 3 2300X | NA | 8350 | NA | 2088 | NA | 65 | 128 | Jan 2019 | AM4 | Desktop |
| Intel Core i7-970 @ 3.20GHz | $499.95 | 8349 | 16.70 | 1398 | 2.80 | 130 | 64 | Jul 2010 | LGA1366 | Desktop |
| Intel Core i7-5700HQ @ 2.70GHz | NA | 8348 | NA | 1996 | NA | 47 | 177 | Jun 2015 | FCBGA1364 | Laptop |
| Intel Core i7-5675C @ 3.10GHz | NA | 8330 | NA | 2140 | NA | 65 | 128 | Oct 2015 | LGA1150 | Desktop |
| Intel Core i7-3740QM @ 2.70GHz | $239.95* | 8299 | 34.59 | 1868 | 7.79 | 45 | 184 | Sep 2012 | rPGA988B | Laptop |
| AMD Ryzen 3 PRO 3200GE | NA | 8266 | NA | 1998 | NA | 35 | 236 | Jul 2019 | AM4 | Laptop |
| Intel Xeon E5-2450L @ 1.80GHz | $130.00* | 8261 | 63.55 | 1097 | 8.44 | 70 | 118 | Aug 2015 | LGA 1356 | Server |
| Intel Xeon E3-1270 @ 3.40GHz | $315.00* | 8249 | 26.19 | 1945 | 6.18 | 80 | 103 | Jun 2011 | LGA1155 | Server |
| Intel Core i7-8550U @ 1.80GHz | NA | 8241 | NA | 2125 | NA | 15 | 549 | Aug 2017 | FC-BGA1356 | Laptop |
| Intel Core i7-5700EQ @ 2.60GHz | NA | 8239 | NA | 1968 | NA | 47 | 175 | Aug 2015 | FCBGA1364 | Laptop |
| Intel Xeon D-1528 @ 1.90GHz | NA | 8210 | NA | 1197 | NA | 35 | 234 | May 2016 | FCBGA1667 | Laptop, Server |
| Intel Core i7-4750HQ @ 2.00GHz | NA | 8209 | NA | 1740 | NA | 47 | 174 | Jun 2013 | FCBGA1364 | Laptop |
| Intel Core i7-3770T @ 2.50GHz | $329.99* | 8204 | 24.86 | 1933 | 5.86 | 45 | 182 | May 2012 | LGA1155 | Desktop |
| Intel Core i7-2600 @ 3.40GHz | $124.05 | 8180 | 65.94 | 1922 | 15.49 | 95 | 86 | Dec 2010 | LGA1155 | Desktop |
| AMD Ryzen 5 PRO 2500U | NA | 8174 | NA | 1744 | NA | 15 | 544 | May 2018 | FP5 | Laptop |
| Intel Xeon D-2123IT @ 2.20GHz | $213.00* | 8150 | 38.26 | 1651 | 7.75 | 60 | 135 | Sep 2018 | FCBGA2518 | Server |
| Intel Core i5-8365U @ 1.60GHz | $297.00* | 8138 | 27.40 | 2213 | 7.45 | 15 | 542 | May 2019 | FCBGA1528 | Laptop |
| Intel Core i5-8350U @ 1.70GHz | $297.00* | 8132 | 27.38 | 2060 | 6.94 | 15 | 542 | Dec 2017 | FC-BGA1356 | Laptop |
| Intel Core i7-6700HQ @ 2.60GHz | $378.00* | 8127 | 21.50 | 1798 | 4.76 | 45 | 180 | Aug 2015 | FCBGA1440 | Laptop |
| Intel Core i5-5675C @ 3.10GHz | $309.95* | 8125 | 26.22 | 2139 | 6.90 | 65 | 125 | Jul 2015 | FCLGA1150 | Desktop |
| Intel Core i7-3720QM @ 2.60GHz | $363.00* | 8123 | 22.38 | 1821 | 5.02 | 45 | 180 | Apr 2012 | BGA1224 | Laptop |
| Intel Xeon E3-1275 @ 3.40GHz | $304.00 | 8111 | 26.68 | 1935 | 6.37 | 95 | 85 | Apr 2011 | LGA1155 | Server |
| Intel Core i7-4722HQ @ 2.40GHz | NA | 8093 | NA | 1941 | NA | 37 | 218 | Jul 2015 | FCBGA1364 | Laptop |
| AMD Ryzen 7 3780U | NA | 8064 | NA | 1852 | NA | 15 | 537 | Oct 2019 | FP5 | Laptop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Core i5-6500R @ 3.00GHz | $253.77 | 8062 | 39.34 | 2445 | 9.76 | 65 | 99 | Aug 2015 | FCLGA1151 | Desktop |
| Intel Xeon D-1559 @ 1.50GHz | NA | 8055 | NA | 877 | NA | 45 | 179 | Aug 2017 | FCBGA1667 | Server |
| Intel Xeon E3-1245 @ 3.30GHz | $92.99 | 8040 | 86.47 | 1887 | 20.30 | 95 | 84 | May 2011 | LGA1155 | Server |
| AMD Ryzen 5 3580U | NA | 8038 | NA | 1818 | NA | 15 | 535 | Oct 2019 | FP5 | Laptop |
| AMD FX-8320 Eight-Core | $138.01* | 8037 | 58.24 | 1396 | 10.12 | 125 | 64 | Oct 2012 | AM3+ | Desktop |
| Intel Core i3-8300T @ 3.20GHz | $170.49* | 8032 | 47.11 | 1888 | 11.07 | 25 | 321 | Jun 2018 | FCLGA1151-2 | Desktop |
| AMD Ryzen 3 PRO 2200G | NA | 8030 | NA | 1942 | NA | 65 | 123 | Mar 2018 | AM4 | Desktop |
| Intel Xeon W3670 @ 3.20GHz | $499.99* | 8015 | 16.03 | 1433 | 2.87 | 130 | 61 | Apr 2011 | LGA1366 | Server |
| Intel Core i5-8365UE @ 1.60GHz | $297.00* | 8010 | 26.97 | 2283 | 7.69 | 15 | 534 | Nov 2019 | FCBGA1528 | Laptop |
| Intel Core i5-8265U @ 1.60GHz | $297.00* | 8006 | 26.96 | 2140 | 7.21 | 15 | 533 | Sep 2018 | FCBGA1528 | Laptop |
| Intel Core i3-8100 @ 3.60GHz | $129.99 | 8005 | 61.59 | 2097 | 16.14 | 65 | 123 | Oct 2017 | FCLGA1151-2 | Desktop |
| Intel Core i5-10210Y @ 1.00GHz | NA | 8004 | NA | 2212 | NA | 7 | 1143 | Jan 2020 | UTFCBGA1377 | Laptop |
| Intel Xeon E5-2630L @ 2.00GHz | NA | 8004 | NA | 1255 | NA | 60 | 133 | May 2014 | LGA 2011 | Server |
| AMD Ryzen 3 PRO 1300 | NA | 7994 | NA | 1992 | NA | 65 | 122 | Sep 2017 | AM4 | Desktop |
| Intel Core i5-5675R @ 3.10GHz | NA | 7991 | NA | 2062 | NA | 65 | 122 | Jun 2016 | FCBGA1364 | Desktop |
| Intel Core i7-4720HQ @ 2.60GHz | NA | 7991 | NA | 1909 | NA | 47 | 170 | Dec 2014 | BGA1364 | Laptop |
| Intel Core i5-7600T @ 2.80GHz | $280.55* | 7983 | 28.46 | 2106 | 7.51 | 35 | 228 | Jan 2017 | FCLGA1151 | Desktop |
| Intel Core i7-4710MQ @ 2.50GHz | $271.57* | 7982 | 29.40 | 1897 | 6.99 | 47 | 169 | Apr 2014 | FCPGA946 | Laptop |
| AMD Ryzen 7 3700U | NA | 7981 | NA | 1838 | NA | 15 | 532 | Apr 2019 | FP5 | Laptop |
| Intel Xeon E3-1240 @ 3.30GHz | $84.99 | 7980 | 93.89 | 1856 | 21.84 | 80 | 99 | May 2011 | LGA1155 | Server |
| Intel Xeon X5675 @ 3.07GHz | $49.99 | 7973 | 159.51 | 1414 | 28.30 | 95 | 83 | Feb 2011 | LGA1366 | Server |
| Intel Xeon E3-1225 v6 @ 3.30GHz | $233.80 | 7958 | 34.04 | 2129 | 9.11 | 73 | 109 | May 2017 | FCLGA1151 | Server |
| Intel Core i5-7500 @ 3.40GHz | $206.75 | 7940 | 38.41 | 2115 | 10.23 | 65 | 122 | Dec 2016 | LGA1151 | Desktop |
| Intel Core i7-4860EQ @ 1.80GHz | NA | 7900 | NA | 1749 | NA | 47 | 168 | Nov 2015 | FCBGA1364 | Laptop |
| Intel Xeon E5-2620 @ 2.00GHz | $85.85* | 7900 | 92.03 | 1232 | 14.36 | 95 | 83 | Apr 2012 | LGA2011 | Server |
| Intel Xeon E3-1505L v6 @ 2.20GHz | NA | 7887 | NA | 1725 | NA | 25 | 315 | May 2017 | FCBGA1440 | Laptop, Server |
| AMD FX-8370E Eight-Core | $320.09 | 7872 | 24.60 | 1421 | 4.44 | 95 | 82 | Sep 2014 | AM3+ | Desktop |
| AMD Ryzen 3 3200G | $94.99 | 7872 | 82.87 | 2010 | 21.17 | 65 | 121 | Jul 2019 | AM4 | Desktop |
| Intel Xeon E5-2608L v3 @ 2.00GHz | $441.00* | 7857 | 17.82 | 1203 | 2.73 | 52 | 151 | Jan 2018 | LGA2011-v3 | Server |
| Intel Xeon E3-1230 @ 3.20GHz | $92.99 | 7852 | 84.45 | 1837 | 19.76 | 80 | 98 | Apr 2011 | LGA1155 | Server |
| Intel Xeon E3-1268L v3 @ 2.30GHz | NA | 7850 | NA | 1949 | NA | 45 | 174 | Sep 2014 | LGA1150 | Server |
| Intel Xeon E3-1225 v5 @ 3.30GHz | $268.04* | 7834 | 29.23 | 1971 | 7.35 | 80 | 97 | Feb 2016 | FCLGA1151 | Server |
| Intel Xeon E5-2430L @ 2.00GHz | $32.28* | 7834 | 242.71 | 1204 | 37.33 | 60 | 130 | Dec 2017 | FCLGA1356 | Server |
| Intel Xeon E-2104G @ 3.20GHz | $193.00* | 7825 | 40.54 | 1927 | 9.98 | 65 | 120 | Oct 2018 | FCLGA1151-2 | Server |
| AMD Opteron 6328 | $359.00 | 7813 | 21.76 | 1311 | 3.65 | 115 | 67 | Jul 2013 | G34 | Server |
| Intel Core i5-4690K @ 3.50GHz | $159.00 | 7800 | 49.06 | 2235 | 14.06 | 88 | 88 | Jun 2014 | LGA1150 | Desktop |
| Intel Xeon X5670 @ 2.93GHz | $34.00 | 7800 | 229.42 | 1364 | 40.12 | 95 | 82 | Mar 2010 | LGA1366 | Server |
| AMD Ryzen 5 3500U | NA | 7786 | NA | 1791 | NA | 15 | 519 | Mar 2019 | FP5 | Laptop |
| Intel Core i5-8265UC @ 1.60GHz | NA | 7783 | NA | 2180 | NA | NA | NA | May 2019 | FCBGA1528 | Laptop |
| Intel Core i5-6600 @ 3.30GHz | $262.13* | 7779 | 29.68 | 2095 | 7.99 | 65 | 119 | Sep 2015 | LGA 1151 | Desktop |
| AMD FX-8300 Eight-Core | $119.99* | 7776 | 64.81 | 1403 | 11.70 | 95 | 81 | Jan 2013 | AM3+ | Desktop |
| Intel Xeon E3-1220 v5 @ 3.00GHz | $266.46* | 7774 | 29.18 | 1950 | 7.32 | 80 | 97 | Jan 2016 | FCLGA1151 | Server |
| Intel Xeon E3-1235 @ 3.20GHz | $244.00* | 7759 | 31.80 | 1851 | 7.59 | 95 | 81 | Jun 2011 | LGA1155 | Server |
| Intel Xeon E3-1220 v6 @ 3.00GHz | $232.99 | 7752 | 33.28 | 1765 | 7.58 | 72 | 107 | Nov 2017 | FCLGA1151 | Server |
| Intel Xeon E3-1240L v5 @ 2.10GHz | $278.00* | 7746 | 27.87 | 1773 | 6.38 | 25 | 309 | Sep 2017 | FCLGA1151 | Server |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD FX-8310 Eight-Core | NA | 7738 | NA | 1556 | NA | 95 | 81 | Oct 2014 | AM3 | Desktop |
| Intel Core i7-4700HQ @ 2.40GHz | $383.00* | 7736 | 20.20 | 1793 | 4.68 | 47 | 164 | Jan 2013 | FCBGA1364 | Laptop |
| Intel Core i7-4710HQ @ 2.50GHz | $378.00* | 7723 | 20.43 | 1819 | 4.81 | 47 | 164 | May 2014 | FCBGA1364 | Laptop |
| Intel Xeon E5-2430 @ 2.20GHz | $304.99* | 7695 | 25.23 | 1089 | 3.57 | 95 | 81 | Jan 2012 | LGA 1356 | Server |
| Intel Core i5-4690 @ 3.50GHz | $236.74 | 7693 | 32.50 | 2217 | 9.37 | 84 | 91 | May 2014 | LGA1150 | Desktop |
| Intel Core i7-4700MQ @ 2.40GHz | $189.00* | 7688 | 40.68 | 1809 | 9.57 | 47 | 163 | Jun 2013 | rPGA946B | Laptop |
| AMD Opteron 6238 | $359.89* | 7673 | 21.32 | 992 | 2.76 | 115 | 66 | Dec 2014 | Socket G34 | Server |
| AMD FX-8150 Eight-Core | $1,443.99 | 7656 | 5.30 | 1339 | 0.93 | 125 | 61 | Sep 2011 | AM3+ | Desktop |
| Intel Core i3-9100T @ 3.10GHz | $122.00* | 7650 | 62.71 | 2147 | 17.60 | 35 | 218 | Jul 2019 | FCLGA1151-2 | Desktop |
| Intel Core i5-8250U @ 1.60GHz | NA | 7645 | NA | 1925 | NA | 15 | 509 | Jul 2017 | FC-BGA1356 | Laptop |
| Intel Core i7-4785T @ 2.20GHz | NA | 7643 | NA | 1780 | NA | 35 | 218 | Jun 2014 | FCLGA1150 | Desktop |
| Intel Core i5-4670K @ 3.40GHz | $409.95 | 7636 | 18.63 | 2186 | 5.33 | 84 | 90 | Jun 2013 | LGA1150 | Desktop |
| Intel Core i5-7440HQ @ 2.80GHz | NA | 7626 | NA | 2095 | NA | 45 | 169 | Feb 2017 | BGA1440 | Laptop |
| Intel Xeon E3-1226 v3 @ 3.30GHz | $595.00* | 7590 | 12.76 | 2100 | 3.53 | 84 | 90 | Jul 2014 | FCLGA1150 | Server |
| Intel Core i7-3630QM @ 2.40GHz | $239.00* | 7583 | 31.73 | 1684 | 7.05 | 45 | 168 | Jan 2012 | rPGA988B | Laptop |
| AMD FX-8320E Eight-Core | $239.24 | 7580 | 31.69 | 1365 | 5.71 | 95 | 79 | Oct 2014 | AM3+ | Desktop |
| AMD Ryzen 3 1300X | $139.63 | 7567 | 54.20 | 1892 | 13.56 | 65 | 116 | Aug 2017 | AM4 | Desktop |
| Intel Xeon X5660 @ 2.80GHz | $34.99* | 7552 | 215.85 | 1302 | 37.22 | 95 | 79 | Apr 2010 | LGA1366 | Server |
| Intel Core i7-4712HQ @ 2.30GHz | NA | 7532 | NA | 1761 | NA | 37 | 203 | Jun 2014 | FCBGA1364 | Laptop |
| AMD Opteron 6366 HE | $29.99* | 7503 | 250.19 | 754 | 25.17 | 85 | 88 | Apr 2014 | NA | Server |
| AMD Ryzen 3 PRO 2200GE | NA | 7500 | NA | 1864 | NA | 35 | 214 | May 2018 | AM4 | Desktop |
| Intel Xeon E3-1265L V2 @ 2.50GHz | $148.00* | 7488 | 50.60 | 1683 | 11.37 | 45 | 166 | Sep 2012 | LGA1155 | Server |
| Intel Xeon E3-1240L v3 @ 2.00GHz | NA | 7486 | NA | 1744 | NA | 25 | 299 | Feb 2015 | FCLGA1150 | Server |
| Intel Core i5-5575R @ 2.80GHz | NA | 7484 | NA | 1888 | NA | 65 | 115 | Dec 2015 | LGA1150 | Desktop |
| Intel Core i5-4670 @ 3.40GHz | $379.95 | 7480 | 19.69 | 2158 | 5.68 | 84 | 89 | Jun 2013 | LGA1150 | Desktop |
| Intel Core i7-3610QM @ 2.30GHz | $399.99* | 7459 | 18.65 | 1637 | 4.10 | 45 | 165 | Apr 2012 | PGA988B | Laptop |
| Intel Core i7-3615QE @ 2.30GHz | NA | 7458 | NA | 1731 | NA | 45 | 165 | Apr 2012 | BGA1224 | Laptop |
| Intel Core i5-4690S @ 3.20GHz | $359.21* | 7446 | 20.73 | 2200 | 6.13 | 65 | 114 | May 2014 | LGA1150 | Desktop |
| Intel Xeon E5-1410 v2 @ 2.80GHz | NA | 7430 | NA | 1690 | NA | 80 | 92 | Aug 2015 | LGA 1356 | Server |
| Intel Core i5-4670R @ 3.00GHz | $276.00* | 7419 | 26.88 | 2159 | 7.82 | 65 | 114 | Jul 2018 | FCBGA1364 | Desktop |
| Intel Xeon W-2104 @ 3.20GHz | $255.00* | 7418 | 29.09 | 1750 | 6.86 | 120 | 61 | Oct 2018 | FCLGA2066 | Server |
| Intel Core i7-4702HQ @ 2.20GHz | NA | 7417 | NA | 1697 | NA | 37 | 200 | Apr 2013 | FCBGA1364 | Laptop |
| AMD Ryzen 7 2700U | NA | 7414 | NA | 1681 | NA | 15 | 494 | Dec 2017 | FP5 | Laptop |
| Intel Core i5-4670K CPT @ 3.40GHz | NA | 7411 | NA | 2099 | NA | 84 | 88 | Dec 2014 | LGA1150 | Desktop |
| Intel Core i5-4670S @ 3.10GHz | $213.00* | 7399 | 34.74 | 2146 | 10.08 | 65 | 113 | Jan 2013 | FCLGA1150 | Desktop |
| AMD Ryzen Embedded V1605B | NA | 7390 | NA | 1778 | NA | 15 | 492 | Oct 2018 | FP5 | Laptop |
| Intel Core i7-3615QM @ 2.30GHz | NA | 7389 | NA | 1647 | NA | 45 | 164 | May 2012 | BGA1224 | Laptop |
| Intel Core i5-4590 @ 3.30GHz | $115.00 | 7352 | 63.93 | 2116 | 18.40 | 84 | 87 | May 2014 | LGA1150 | Desktop |
| AMD Ryzen 5 2500U | NA | 7337 | NA | 1663 | NA | 15 | 489 | Nov 2017 | FP5 | Laptop |
| AMD Ryzen 3 2200G | $84.99 | 7335 | 86.31 | 1845 | 21.72 | 65 | 112 | Feb 2018 | AM4 | Desktop |
| Intel Core i5-6600T @ 2.70GHz | $299.95* | 7303 | 24.35 | 1935 | 6.45 | 35 | 208 | Oct 2015 | LGA 1151 | Desktop |
| Intel Core i7-4765T @ 2.00GHz | $508.95 | 7297 | 14.34 | 1690 | 3.32 | 35 | 208 | Apr 2013 | FCLGA1150 | Desktop |
| Intel Core i3-8100T @ 3.10GHz | $129.00* | 7271 | 56.37 | 1824 | 14.14 | 35 | 207 | Aug 2018 | FCLGA1151-2 | Desktop |

## CPU Benchmarks

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Xeon E5-1607 v4 @ 3.10GHz | NA | 727? | NA | 1755 | NA | 140 | 51 | Nov 2015 | FCLGA2011-3 | Server |
| Intel Xeon X5650 @ 2.67GHz | $79.00 | 7268 | 92.00 | 1247 | 15.79 | 95 | 76 | Feb 2010 | LGA1366 | Server |
| Intel Xeon E5-1410 @ 2.80GHz | $44.99 | 7265 | 161.50 | 1654 | 36.77 | 80 | 90 | Jan 2012 | LGA1356 | Server |
| Intel Xeon E3-1225 v3 @ 3.20GHz | $135.99 | 7253 | 53.34 | 2013 | 14.81 | 84 | 86 | Jun 2013 | LGA1150 | Server |
| Intel Core i5-6500 @ 3.20GHz | $168.75 | 7252 | 42.98 | 1948 | 11.55 | 65 | 111 | Sep 2015 | LGA 1151 | Desktop |
| Intel Core i5-7400 @ 3.00GHz | $205.70 | 7238 | 35.19 | 1944 | 9.46 | 65 | 111 | Jan 2017 | FCLGA1151 | Desktop |
| Intel Xeon E3-1230L v3 @ 1.80GHz | $287.90* | 7231 | 25.12 | 1588 | 5.52 | 25 | 289 | Dec 2013 | LGA1150 | Server |
| Intel Core i7-2960XM @ 2.70GHz | $409.95* | 7224 | 17.62 | 1698 | 4.14 | 55 | 131 | Oct 2011 | PGA988B | Laptop |
| Intel Core i7-4700EQ @ 2.40GHz | NA | 7203 | NA | 1831 | NA | 47 | 153 | Jun 2013 | FCBGA1364 | Desktop |
| Intel Core i7-4712MQ @ 2.30GHz | NA | 7200 | NA | 1745 | NA | 37 | 194 | May 2014 | FCPGA946 | Laptop |
| Intel Core i5-3570K @ 3.40GHz | $324.87 | 7189 | 22.13 | 2029 | 6.25 | 77 | 93 | Apr 2012 | LGA1155 | Desktop |
| Intel Xeon E3-1220 v3 @ 3.10GHz | $134.99 | 7186 | 53.24 | 1953 | 14.47 | 80 | 89 | Jan 2011 | LGA1150 | Server |
| Intel Core i5-4570 @ 3.20GHz | $89.00 | 7159 | 80.45 | 2057 | 23.12 | 84 | 85 | Jun 2013 | LGA1150 | Desktop |
| Intel Core i5-3570 @ 3.40GHz | $104.37 | 7142 | 68.44 | 2022 | 19.38 | 77 | 92 | Jul 2012 | LGA1155 | Desktop |
| Intel Core i7-4702MQ @ 2.20GHz | $218.45* | 7131 | 32.65 | 1702 | 7.80 | 37 | 192 | Jan 2013 | FCPGA946 | Laptop |
| Intel Core i5-6402P @ 2.80GHz | $189.99* | 7099 | 37.37 | 1898 | 9.99 | 65 | 109 | Apr 2016 | LGA 1151 | Desktop |
| Intel Core i7-2600S @ 2.80GHz | $105.12* | 7087 | 67.42 | 1808 | 17.21 | 65 | 109 | Feb 2011 | LGA1155 | Desktop |
| Intel Core i5-4590S @ 3.00GHz | $246.20 | 7081 | 28.76 | 2101 | 8.54 | 65 | 108 | May 2014 | LGA1150 | Desktop |
| AMD Ryzen 3 PRO 1200 | NA | 7075 | NA | 1780 | NA | 65 | 108 | Aug 2017 | AM4 | Desktop |
| AMD Ryzen 3 PRO 2300U | NA | 7063 | NA | 1737 | NA | 15 | 470 | May 2018 | FP5 | Laptop |
| Intel Xeon E5-2420 @ 1.90GHz | $18.00 | 7063 | 392.41 | 1119 | 62.21 | 95 | 74 | Jun 2012 | LGA1356 | Server |
| Intel Xeon E5-1607 v3 @ 3.10GHz | NA | 7029 | NA | 1776 | NA | 140 | 50 | Feb 2015 | LGA2011-v3 | Server |
| AMD FX-6350 Six-Core | $120.06* | 7021 | 58.48 | 1484 | 12.37 | 125 | 56 | May 2013 | AM3+ | Desktop |
| Intel Core i7-2920XM @ 2.50GHz | $440.44* | 7006 | 15.91 | 1651 | 3.75 | 55 | 127 | Feb 2011 | FCPGA988 | Laptop |
| Intel Xeon E3-1225 V2 @ 3.20GHz | $64.99 | 6986 | 107.51 | 1920 | 29.55 | 77 | 90 | Sep 2012 | LGA1155 | Server |
| Intel Xeon W-2102 @ 2.90GHz | $235.05* | 6981 | 29.70 | 1622 | 6.90 | 120 | 58 | Jun 2018 | FCLGA2066 | Server |
| Intel Xeon D-1521 @ 2.40GHz | NA | 6980 | NA | 1441 | NA | 45 | 155 | Feb 2016 | FCBGA1667 | Server |
| Intel Core i5-3550 @ 3.30GHz | $309.99 | 6969 | 22.48 | 1970 | 6.36 | 77 | 90 | Mar 2012 | LGA1155 | Desktop |
| Intel Xeon X5687 @ 3.60GHz | $39.87* | 6961 | 174.60 | 1605 | 40.28 | 130 | 53 | Apr 2011 | LGA1366 | Server |
| AMD FX-6330 Six-Core | NA | 6954 | NA | 1484 | NA | 95 | 73 | Nov 2016 | AM3+ | Desktop |
| Intel Core i7-2860QM @ 2.50GHz | $541.00* | 6951 | 12.85 | 1650 | 3.05 | 45 | 154 | Sep 2011 | BGA1224 | Laptop |
| Intel Core i5-7500T @ 2.70GHz | $223.75* | 6950 | 31.06 | 1854 | 8.29 | 35 | 198 | Jan 2017 | FCLGA1151 | Desktop |
| Intel Xeon Platinum 8151 @ 3.40GHz | NA | 6947 | NA | 2257 | NA | NA | NA | May 2019 | NA | Server |
| Intel Core i5-3550S @ 3.00GHz | $302.45* | 6928 | 22.91 | 1982 | 6.55 | 65 | 106 | Jun 2012 | LGA1155 | Desktop |
| Intel Core i7-3632QM @ 2.20GHz | $214.05 | 6927 | 32.36 | 1562 | 7.30 | 35 | 197 | Sep 2012 | rPGA988B | Laptop |
| Intel Xeon E5-2609 v4 @ 1.70GHz | $359.73* | 6925 | 19.25 | 983 | 2.73 | 85 | 81 | Aug 2016 | FCLGA2011-3 | Server |
| AMD Ryzen 3 2200GE | NA | 6909 | NA | 1817 | NA | 35 | 197 | Aug 2018 | AM4 | Desktop |
| Intel Xeon E5649 @ 2.53GHz | $104.07* | 6869 | 66.01 | 1186 | 11.40 | 80 | 85 | Aug 2011 | LGA1366 | Server |
| Intel Xeon L5639 @ 2.13GHz | NA | 6869 | NA | 1141 | NA | 60 | 114 | Jul 2013 | LGA1366 | Server |
| Intel Core i5-4570S @ 2.90GHz | $194.74 | 6842 | 35.13 | 2005 | 10.30 | 65 | 105 | Jun 2013 | LGA1150 | Desktop |
| Intel Core i7-3612QM @ 2.10GHz | NA | 6819 | NA | 1521 | NA | 35 | 194 | May 2012 | PGA988B, FCBGA12 | Laptop |
| Intel Core i5-6440HQ @ 2.60GHz | NA | 6816 | NA | 1877 | NA | 45 | 151 | Jan 2016 | LGA 1151 | Laptop |
| AMD Ryzen 3 1200 | $64.99 | 6792 | 104.51 | 1718 | 26.45 | 65 | 104 | Jun 2017 | AM4 | Desktop |

## CPU Benchmarks

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Xeon Bronze 3106 @ 1.70GHz | $3xx.2? | 6791 | 49.?? | 569 | 2.5? | 85 | 49 | Apr 2019 | FCLGA3647 | Server |
| AMD Opteron 6220 | $59.99* | 6785 | 113.11 | 1136 | 18.94 | 115 | 59 | Jul 2013 | Socket G34 | Server |
| Intel Core i5-4570R @ 2.70GHz | NA | 6776 | NA | 1865 | NA | 65 | 104 | Apr 2013 | FCBGA1364 | Desktop |
| Intel Core i7-2840QM @ 2.40GHz | NA | 6766 | NA | 1658 | NA | NA | NA | Sep 2012 | rPGA988B | Laptop |
| AMD Ryzen 3 PRO 3300U | NA | 6765 | NA | 1809 | NA | 15 | 451 | May 2019 | FP5 | Laptop |
| AMD Opteron 4386 | $139.99* | 6761 | 48.30 | 964 | 6.89 | 95 | 71 | Jun 2014 | C32 | Server |
| Intel Core i5-6400 @ 2.70GHz | $228.83* | 6755 | 29.52 | 1824 | 7.97 | 65 | 103 | Aug 2015 | LGA 1151 | Desktop |
| Intel Xeon X5677 @ 3.47GHz | $27.86* | 6755 | 242.49 | 1506 | 54.09 | 130 | 51 | Mar 2010 | LGA1366 | Server |
| AMD Opteron 6272 | $69.99 | 6748 | 96.42 | 695 | 9.94 | 115 | 58 | Dec 2011 | G34 | Server |
| Intel Xeon E3-1220 V2 @ 3.10GHz | $53.99 | 6748 | 125.00 | 1829 | 33.88 | 69 | 97 | Jul 2012 | LGA1155 | Server |
| Intel Core i5-3570S @ 3.10GHz | $285.00* | 6739 | 23.65 | 1967 | 6.90 | 65 | 103 | Jul 2012 | LGA1155 | Desktop |
| Intel Core i5-3470 @ 3.20GHz | $69.90 | 6733 | 96.33 | 1915 | 27.41 | 77 | 87 | Jul 2012 | LGA1155 | Desktop |
| Intel Core i7-4770TE @ 2.30GHz | NA | 6732 | NA | 1574 | NA | 45 | 149 | Jul 2015 | LGA1150 | Desktop |
| Intel Core i5-4460 @ 3.20GHz | $189.99 | 6728 | 35.41 | 1942 | 10.22 | 84 | 80 | May 2014 | LGA1150 | Desktop |
| Intel Core i5-7300HQ @ 2.50GHz | NA | 6714 | NA | 1857 | NA | 45 | 149 | Jan 2017 | NA | Laptop |
| Intel Core i7-3612QE @ 2.10GHz | NA | 6712 | NA | 1505 | NA | 35 | 191 | Oct 2012 | BGA1224 | Laptop |
| Intel Xeon E5-2648L @ 1.80GHz | NA | 6698 | NA | 1028 | NA | 70 | 95 | Sep 2015 | LGA 2011 | Server |
| Intel Core i5-2550K @ 3.40GHz | $190.00* | 6677 | 35.14 | 1937 | 10.20 | 95 | 70 | Feb 2012 | LGA1155 | Desktop |
| Intel Core i7-3635QM @ 2.40GHz | NA | 6673 | NA | 1530 | NA | 45 | 148 | Jan 2012 | NA | Laptop |
| AMD Opteron 4284 | $59.99* | 6660 | 111.03 | 1116 | 18.60 | 95 | 70 | Feb 2013 | Socket C32 | Server |
| AMD FX-8120 Eight-Core | $222.73* | 6647 | 29.84 | 1220 | 5.48 | 125 | 53 | Oct 2011 | AM3+ | Desktop |
| Intel Core i7-2820QM @ 2.30GHz | $181.02* | 6646 | 36.72 | 1559 | 8.62 | 45 | 147 | Feb 2011 | BGA1224 | Laptop |
| Intel Core i7-985 @ 3.47GHz | NA | 6641 | NA | 1544 | NA | NA | NA | Nov 2014 | LGA1366 | Unknown |
| Intel Xeon E5-2430L v2 @ 2.40GHz | NA | 6627 | NA | 683 | NA | 60 | 110 | Feb 2015 | LGA 1356 | Server |
| Intel Core i5-3475S @ 2.90GHz | $143.50* | 6611 | 46.08 | 1895 | 13.21 | 65 | 101 | Jan 2012 | LGA1155 | Desktop |
| Intel Core i5-6500TE @ 2.30GHz | $209.99* | 6606 | 31.46 | 1750 | 8.33 | 35 | 188 | Dec 2015 | LGA 1151 | Desktop |
| Intel Core i3-7350K @ 4.20GHz | $184.70 | 6597 | 35.72 | 2429 | 13.15 | 60 | 109 | Jan 2017 | FCLGA1151 | Desktop |
| Intel Atom C3958 @ 2.00GHz | $449.00* | 6586 | 14.67 | 791 | 1.76 | 31 | 212 | Aug 2019 | FCBGA1310 | Server |
| Intel Core i7-2760QM @ 2.40GHz | $209.95 | 6555 | 31.22 | 1589 | 7.57 | 45 | 145 | Sep 2011 | BGA1224 | Laptop |
| Intel Core i5-4690T @ 2.50GHz | NA | 6547 | NA | 1955 | NA | 45 | 145 | Dec 2014 | LGA1150 | Desktop |
| Intel Core i7-3610QE @ 2.30GHz | NA | 6544 | NA | 1401 | NA | 45 | 145 | Apr 2012 | rPGA988B | Laptop |
| Intel Core i5-3450 @ 3.10GHz | $216.34 | 6537 | 30.22 | 1856 | 8.58 | 77 | 84 | Apr 2012 | LGA1155 | Desktop |
| Intel Core i5-4440 @ 3.10GHz | $497.00* | 6517 | 13.11 | 1879 | 3.78 | 84 | 77 | Jan 2013 | FCLGA1150 | Desktop |
| Intel Core i7-6822EQ @ 2.00GHz | NA | 6501 | NA | 1400 | NA | 25 | 260 | Feb 2016 | LGA 1151 | Laptop |
| Intel Core i5-2500K @ 3.30GHz | $434.26* | 6490 | 14.95 | 1898 | 4.37 | 95 | 68 | Dec 2010 | LGA1155 | Desktop |
| Intel Core i7-7567U @ 3.50GHz | $780.49 | 6465 | 8.28 | 2261 | 2.90 | 28 | 230 | Mar 2017 | BGA1356 | Laptop |
| Intel Xeon E3-1235L v5 @ 2.00GHz | NA | 6462 | NA | 1647 | NA | 25 | 258 | Mar 2017 | FCLGA1151 | Server |
| Intel Xeon X5672 @ 3.20GHz | $44.99* | 6461 | 143.61 | 1434 | 31.88 | 95 | 68 | Sep 2011 | LGA1366 | Server |
| Intel Xeon E5-1603 v4 @ 2.80GHz | NA | 6454 | NA | 1619 | NA | 140 | 46 | Feb 2017 | FCLGA2011-3 | Server |
| Intel Core i5-4460S @ 2.90GHz | $659.99* | 6434 | 9.75 | 1914 | 2.90 | 65 | 98 | May 2014 | LGA1150 | Desktop |
| AMD Opteron 4280 | $50.00* | 6430 | 128.60 | 1078 | 21.57 | 95 | 67 | Feb 2014 | Socket C32 | Server |
| Intel Core i5-6440EQ @ 2.70GHz | NA | 6424 | NA | 1836 | NA | 45 | 142 | Oct 2016 | FCBGA1440 | Laptop |
| Intel Xeon E5645 @ 2.40GHz | $81.31* | 6422 | 78.99 | 1092 | 13.44 | 80 | 80 | Apr 2011 | LGA1366 | Server |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD FX-6300 Six-Core | $209.95 | 6416 | 30.55 | 1457 | 6.75 | 95 | 67 | Oct 2012 | AM3 | Desktop |
| Intel Core i3-7320 @ 4.10GHz | $182.72* | 6406 | 35.06 | 2345 | 12.83 | 51 | 125 | Jan 2017 | FCLGA1151 | Desktop |
| Intel Core i5-3470S @ 2.90GHz | $309.95 | 6405 | 20.67 | 1861 | 6.01 | 65 | 98 | Jul 2012 | LGA1155 | Desktop |
| AMD Opteron 3380 | $809.00* | 6384 | 7.89 | 1054 | 1.30 | 65 | 98 | Apr 2013 | NA | Server |
| Intel Xeon E3-1505L v5 @ 2.00GHz | NA | 6374 | NA | 1531 | NA | 25 | 254 | Mar 2017 | FCBGA1440 | Laptop, Server |
| Intel Core i5-2500 @ 3.30GHz | $74.20 | 6356 | 85.67 | 1878 | 25.32 | 95 | 66 | Dec 2010 | LGA1155 | Desktop |
| Intel Core i5-4430 @ 3.00GHz | $159.99* | 6347 | 39.67 | 1826 | 11.42 | 84 | 75 | Jun 2013 | LGA1150 | Desktop |
| Intel Core i5-7400T @ 2.40GHz | $205.27 | 6336 | 30.87 | 1694 | 8.25 | 35 | 181 | Nov 2016 | LGA1151 | Desktop |
| Intel Core i3-7300 @ 4.00GHz | $159.99* | 6335 | 39.60 | 2305 | 14.41 | 51 | 124 | Jan 2017 | FCLGA1151 | Desktop |
| Intel Core i5-6500T @ 2.50GHz | $269.95 | 6311 | 23.38 | 1717 | 6.36 | 35 | 180 | Oct 2015 | LGA 1151 | Desktop |
| Intel Core i5-4440S @ 2.80GHz | $462.97* | 6271 | 13.55 | 1862 | 4.02 | 65 | 96 | Dec 2013 | LGA1150 | Desktop |
| Intel Xeon E3-1220 @ 3.10GHz | $47.00 | 6259 | 133.18 | 1742 | 37.08 | 80 | 78 | Aug 2011 | LGA1155 | Server |
| Intel Xeon E3-1260L @ 2.40GHz | $57.31 | 6240 | 108.89 | 1561 | 27.25 | 45 | 138 | Jul 2011 | LGA1155 | Server |
| Intel Core i5-3450S @ 2.80GHz | $147.99* | 6233 | 42.12 | 1812 | 12.25 | 65 | 95 | May 2012 | LGA1155 | Desktop |
| Intel Xeon L5640 @ 2.27GHz | $83.36* | 6228 | 74.72 | 1097 | 13.16 | 60 | 103 | Sep 2010 | LGA1366 | Server |
| Intel Xeon E5-1603 v3 @ 2.80GHz | $99.99* | 6224 | 62.25 | 1560 | 15.60 | 140 | 44 | Jan 2015 | LGA2011-v3 | Server |
| Intel Xeon E5-1607 v2 @ 3.00GHz | $34.95* | 6223 | 178.06 | 1606 | 45.96 | 130 | 47 | Mar 2014 | LGA 2011 | Server |
| AMD FX-6130 Six-Core | NA | 6215 | NA | 1313 | NA | 125 | 49 | Mar 2013 | AM3+ | Desktop |
| Intel Xeon X5667 @ 3.07GHz | $23.33* | 6200 | 265.78 | 1389 | 59.58 | 95 | 65 | Jul 2010 | LGA1366 | Server |
| Intel Xeon W3580 @ 3.33GHz | $214.50* | 6183 | 28.83 | 1489 | 6.94 | 130 | 47 | Nov 2009 | LGA1366 | Server |
| Intel Core i5-4670T @ 2.30GHz | $259.02* | 6175 | 23.84 | 1833 | 7.08 | 45 | 137 | Jun 2013 | FCLGA1150 | Desktop |
| AMD Opteron 6174 | $65.00 | 6171 | 94.94 | 780 | 12.01 | 115 | 53 | May 2013 | Socket G34 | Server |
| Intel Core i5-3350P @ 3.10GHz | $149.99* | 6156 | 41.04 | 1748 | 11.66 | 69 | 89 | Oct 2012 | LGA1155 | Desktop |
| Intel Core i5-2450P @ 3.20GHz | $89.99* | 6149 | 68.34 | 1778 | 19.76 | 95 | 64 | Feb 2012 | LGA1155 | Desktop |
| AMD Ryzen 3 3300U | NA | 6143 | NA | 1427 | NA | 15 | 409 | Aug 2019 | FP5 | Laptop |
| AMD FX-8140 Eight-Core | NA | 6133 | NA | 1045 | NA | 95 | 64 | Mar 2012 | AM3+ | Desktop |
| AMD PRO A12-9800 | $169.00* | 6132 | 36.29 | 1909 | 11.30 | 65 | 94 | Jan 2017 | AM4 | Desktop |
| AMD FX-6200 Six-Core | $339.95 | 6109 | 17.97 | 1300 | 3.83 | 125 | 48 | Mar 2012 | AM3+ | Desktop |
| Intel Core i7-2720QM @ 2.20GHz | $189.95 | 6108 | 32.16 | 1460 | 7.69 | 45 | 135 | Jan 2011 | BGA1224 | Laptop |
| Intel Core i5-3340 @ 3.10GHz | $293.01* | 6106 | 20.84 | 1751 | 5.98 | 77 | 79 | Oct 2013 | LGA1155 | Desktop |
| Intel Xeon E3-1225 @ 3.10GHz | $58.99 | 6103 | 103.47 | 1765 | 29.92 | 95 | 64 | Jan 2011 | LGA1155 | Server |
| Intel Core i3-1005G1 @ 1.20GHz | $281.00* | 6100 | 21.71 | 2320 | 8.26 | 15 | 406 | Sep 2019 | FCBGA1526 | Laptop |
| AMD Opteron 4334 | $216.42* | 6099 | 28.18 | 1208 | 5.58 | 95 | 64 | Mar 2016 | Socket C32 | Server |
| Intel Core i7-975 @ 3.33GHz | $409.92* | 6096 | 14.87 | 1460 | 3.56 | 130 | 46 | Jun 2009 | LGA1366 | Desktop |
| Intel Core i5-6300HQ @ 2.30GHz | NA | 6094 | NA | 1673 | NA | 45 | 135 | Oct 2015 | LGA 1151 | Laptop |
| AMD Ryzen 3 2300U | NA | 6093 | NA | 1542 | NA | 15 | 406 | Jul 2018 | FP5 | Laptop |
| AMD Opteron 3365 | NA | 6088 | NA | 1085 | NA | 65 | 93 | Nov 2014 | AM3+ | Server |
| Intel Xeon W5590 @ 3.33GHz | $2,508.95* | 6088 | 2.43 | 1471 | 0.59 | 130 | 46 | Sep 2009 | LGA1366 | Server |
| Intel Core i3-8109U @ 3.00GHz | NA | 6086 | NA | 2119 | NA | 28 | 217 | Oct 2018 | FCBGA1528 | Laptop |
| AMD PRO A12-8870 | NA | 6067 | NA | 1899 | NA | 65 | 93 | Jan 2017 | AM4 | Desktop |
| Intel Core i3-6320 @ 3.90GHz | $264.20 | 6051 | 22.91 | 2233 | 8.45 | 51 | 118 | Oct 2015 | LGA 1151 | Desktop |
| Intel Xeon W3570 @ 3.20GHz | $479.95* | 6032 | 12.57 | 1463 | 3.05 | 130 | 46 | Jul 2009 | LGA1366 | Server |
| Intel Core i7-7660U @ 2.50GHz | NA | 5991 | NA | 2154 | NA | 15 | 399 | May 2017 | BGA1356 | Laptop |
| Intel Core i5-4430S @ 2.70GHz | $159.99* | 5977 | 37.36 | 1777 | 11.11 | 65 | 91 | Dec 2013 | LGA1150 | Desktop |
| Intel Core i5-2400 @ 3.10GHz | $28.99 | 5975 | 206.11 | 1747 | 60.28 | 95 | 62 | Dec 2010 | LGA1155 | Desktop |
| Intel Xeon E3-1265L @ 2.40GHz | $918.35* | 5961 | 6.49 | 1499 | 1.63 | 45 | 132 | Jul 2015 | LGA1155 | Server |
| Intel Core i5-3330 @ 3.00GHz | $199.88* | 5954 | 29.79 | 1700 | 8.51 | 77 | 77 | Oct 2012 | LGA1155 | Desktop |
| Intel Core i5-6442EQ @ 1.90GHz | $250.00* | 5953 | 23.81 | 1581 | 6.33 | 25 | 238 | Sep 2019 | FCBGA1440 | Laptop |
| Intel Core i5-3570T @ 2.30GHz | NA | 5944 | NA | 1717 | NA | 45 | 132 | Sep 2012 | LGA1155 | Desktop |

# CPU Benchmarks ▼

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD Opteron 6264 | $29.99* | 5903 | 193.27 | 939 | 29.28 | 115 | 51 | Jan 2012 | G34 | Server |
| Intel Core i5-7442EQ @ 2.10GHz | $250.00* | 5901 | 23.60 | 1674 | 6.70 | 25 | 236 | Jan 2019 | FCBGA1440 | Laptop |
| Intel Xeon E5-2609 v3 @ 1.90GHz | $106.03* | 5901 | 55.66 | 1113 | 10.50 | 80 | 73 | Nov 2014 | LGA2011-v3 | Server |
| AMD FX-8100 Eight-Core | $142.00* | 5884 | 41.44 | 1083 | 7.63 | 95 | 61 | Jan 2012 | AM3+ | Desktop |
| Intel Core i7-2670QM @ 2.20GHz | $139.00* | 5880 | 42.30 | 1394 | 10.03 | 45 | 130 | Sep 2011 | PGA988B | Laptop |
| Intel Xeon E5-1607 @ 3.00GHz | $27.95* | 5873 | 210.16 | 1577 | 56.42 | 130 | 45 | Aug 2012 | LGA2011 | Server |
| Intel Core i5-7360U @ 2.30GHz | NA | 5863 | NA | 2065 | NA | 15 | 390 | Jun 2017 | FCBGA1356 | Laptop |
| AMD PRO A10-8850B | NA | 5852 | NA | 1734 | NA | 95 | 61 | Jan 2016 | FM2+ | Desktop |
| Intel Core i7-965 @ 3.20GHz | $139.99* | 5850 | 41.79 | 1388 | 9.92 | 130 | 45 | Nov 2008 | LGA1366 | Desktop |
| Intel Core i5-3340S @ 2.80GHz | $149.99* | 5846 | 38.98 | 1711 | 11.41 | 65 | 89 | Nov 2013 | LGA1155 | Desktop |
| Intel Core i3-6300 @ 3.80GHz | $309.99 | 5842 | 18.85 | 2163 | 6.98 | 51 | 114 | Oct 2015 | LGA 1151 | Desktop |
| Intel Xeon W5580 @ 3.20GHz | $68.99* | 5836 | 84.59 | 1428 | 20.71 | 130 | 44 | Mar 2009 | LGA1366 | Server |
| Intel Xeon X5647 @ 2.93GHz | $19.93* | 5797 | 290.91 | 1313 | 65.91 | 130 | 44 | Jul 2011 | LGA1366 | Server |
| Intel Core i5-3335S @ 2.70GHz | NA | 5795 | NA | 1675 | NA | 65 | 89 | Sep 2012 | LGA1155 | Desktop |
| Intel Core i7-960 @ 3.20GHz | $280.00 | 5791 | 20.68 | 1389 | 4.96 | 130 | 44 | Oct 2009 | LGA1366 | Desktop |
| AMD Opteron 6212 | $29.99* | 5776 | 192.62 | 932 | 31.10 | 115 | 50 | May 2013 | Socket G34 | Server |
| Intel Core i3-7100 @ 3.90GHz | $141.72 | 5776 | 40.76 | 2227 | 15.72 | 51 | 113 | Jan 2017 | FCLGA1151 | Desktop |
| Intel Core i5-2320 @ 3.00GHz | $93.00* | 5776 | 62.11 | 1694 | 18.22 | 95 | 60 | Sep 2011 | LGA1155 | Desktop |
| Intel Xeon W3565 @ 3.20GHz | $19.99* | 5773 | 288.81 | 1427 | 71.42 | 130 | 44 | Dec 2009 | LGA1366 | Server |
| Intel Core i7-7560U @ 2.40GHz | NA | 5769 | NA | 2081 | NA | 15 | 384 | Mar 2017 | BGA1356 | Laptop |
| Intel Core i7-2710QE @ 2.10GHz | NA | 5768 | NA | 1384 | NA | 45 | 128 | Sep 2011 | PGA988B | Laptop |
| ZHAOXIN KaiXian KX-U6780A@2.7GHz | NA | 5760 | NA | 876 | NA | NA | NA | Aug 2019 | NA | Unknown |
| Intel Xeon D-1520 @ 2.20GHz | NA | 5755 | NA | 1021 | NA | 45 | 127 | Nov 2015 | BGA 1667 | Server |
| AMD FX-6120 Six-Core | NA | 5754 | NA | 1285 | NA | 95 | 60 | Jun 2012 | AM3+ | Desktop |
| Intel Core i5-2380P @ 3.10GHz | $430.59* | 5743 | 13.34 | 1678 | 3.90 | 95 | 60 | Mar 2012 | LGA1155 | Desktop |
| Intel Pentium Gold G5600F @ 3.90GHz | NA | 5736 | NA | 2272 | NA | 54 | 106 | Oct 2019 | FCLGA1151-2 | Desktop |
| Intel Core i3-10110U @ 2.10GHz | NA | 5733 | NA | 2304 | NA | 15 | 382 | Oct 2019 | FCBGA1528 | Laptop |
| AMD A10-7890K | $199.99* | 5709 | 28.55 | 1718 | 8.59 | 95 | 60 | Apr 2016 | FM2+ | Desktop |
| AMD PRO A10-8770 | NA | 5707 | NA | 1775 | NA | 65 | 87 | Jan 2017 | AM4 | Desktop |
| AMD Phenom II X6 1100T | $177.49* | 5704 | 32.14 | 1251 | 7.05 | 125 | 45 | Dec 2010 | AM3 | Desktop |
| Intel Xeon Bronze 3104 @ 1.70GHz | $230.49* | 5685 | 24.67 | 971 | 4.22 | 85 | 66 | Jan 2018 | FCLGA3647 | Server |
| Intel Core i5-3330S @ 2.70GHz | $94.99* | 5680 | 59.80 | 1652 | 17.39 | 65 | 87 | Jan 2012 | LGA1155 | Desktop |
| Intel Xeon X3480 @ 3.07GHz | NA | 5658 | NA | 1407 | NA | 95 | 59 | Mar 2012 | LGA1156 | Server |
| Intel Core i5-7287U @ 3.30GHz | NA | 5656 | NA | 1931 | NA | 28 | 202 | May 2018 | NA | Laptop |
| Intel Pentium Gold G5620 @ 4.00GHz | $167.13* | 5655 | 33.84 | 2281 | 13.65 | 54 | 104 | Dec 2019 | FCLGA1151-2 | Desktop |
| Intel Core i5-7260U @ 2.20GHz | $557.79 | 5638 | 10.11 | 1934 | 3.47 | 15 | 375 | Apr 2017 | BGA1356 | Laptop |
| Intel Core i5-4590T @ 2.00GHz | $209.95* | 5627 | 26.80 | 1687 | 8.04 | 35 | 160 | Jun 2014 | LGA1150 | Desktop |
| Intel Xeon L5638 @ 2.00GHz | $69.90* | 5622 | 80.43 | 948 | 13.57 | 60 | 93 | Apr 2011 | LGA1366 | Server |
| Intel Core i5-6400T @ 2.20GHz | $259.95* | 5621 | 21.62 | 1520 | 5.85 | 35 | 160 | Dec 2015 | LGA 1151 | Desktop |
| Intel Core i3-4370 @ 3.80GHz | $309.00* | 5617 | 18.18 | 2219 | 7.18 | 54 | 104 | Sep 2014 | LGA1150 | Desktop |
| AMD Opteron 4332 HE | NA | 5614 | NA | 1285 | NA | 65 | 86 | Sep 2015 | Socket C32 | Server |
| Intel Xeon X5570 @ 2.93GHz | $239.95* | 5605 | 23.36 | 1377 | 5.74 | 95 | 59 | May 2009 | LGA1366 | Server |
| AMD A10-8850 | NA | 5604 | NA | 1742 | NA | NA | NA | May 2016 | NA | Desktop |
| AMD PRO A10-9700 | $169.00* | 5599 | 33.13 | 1740 | 10.30 | 65 | 86 | Nov 2016 | AM4 | Desktop |
| AMD A12-9800 | $148.24* | 5587 | 37.69 | 1861 | 12.56 | 65 | 85 | Oct 2016 | AM4 | Desktop |
| Intel Core i7-6567U @ 3.30GHz | NA | 5582 | NA | 1983 | NA | 28 | 199 | Feb 2016 | FCBGA1356 | Laptop |
| Intel Xeon E5-1603 @ 2.80GHz | $19.97* | 5580 | 279.42 | 1478 | 74.01 | 130 | 42 | Jun 2012 | LGA2011 | Server |
| Intel Pentium Gold G5600 @ 3.90GHz | $92.99 | 5570 | 59.90 | 2237 | 24.06 | 54 | 103 | May 2018 | FCLGA1151-2 | Desktop |

## CPU Benchmarks ▼

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD Athlon X4 880K | $99.99* | 5569 | 55.73 | 1597 | 16.00 | 95 | 59 | Apr 2016 | FM2+ | Desktop |
| Intel Xeon W3550 @ 3.07GHz | $29.99* | 5563 | 185.51 | 1370 | 45.70 | 130 | 42 | Sep 2009 | LGA1366 | Server |
| AMD Phenom II X6 1090T | $154.04* | 5555 | 36.07 | 1216 | 7.90 | 125 | 44 | Apr 2010 | AM3 | Desktop |
| AMD Athlon PRO 300GE | NA | 5554 | NA | 1787 | NA | 35 | 158 | Oct 2019 | AM4 | Desktop |
| Intel Core i7-2675QM @ 2.20GHz | NA | 5546 | NA | 1300 | NA | 45 | 123 | Sep 2011 | BGA1224 | Laptop |
| Intel Core i5-2310 @ 2.90GHz | $141.29* | 5540 | 39.21 | 1625 | 11.51 | 95 | 58 | Jun 2011 | LGA1155 | Desktop |
| Intel Core i7-950 @ 3.07GHz | $15.00 | 5536 | 369.10 | 1328 | 88.54 | 130 | 42 | Jun 2009 | LGA1366 | Desktop |
| AMD Opteron 3280 | $273.18* | 5533 | 20.26 | 942 | 3.45 | 65 | 85 | Aug 2012 | AM3+ | Server |
| Intel Xeon E5-2603 v4 @ 1.70GHz | $260.00* | 5524 | 21.25 | 956 | 3.68 | 85 | 64 | Jul 2016 | FCLGA2011-3 | Server |
| Intel Core i7-2630QM @ 2.00GHz | $102.81* | 5523 | 53.73 | 1312 | 12.77 | 45 | 122 | Jan 2011 | PGA988B | Laptop |
| AMD Athlon 300GE | NA | 5517 | NA | 1793 | NA | 35 | 157 | Dec 2019 | AM4 | Desktop |
| Intel Core i7-880 @ 3.07GHz | $583.00* | 5508 | 9.45 | 1365 | 2.34 | 95 | 57 | Jul 2010 | LGA1156 | Desktop |
| Intel Core i3-6100 @ 3.70GHz | $128.99 | 5484 | 42.52 | 2105 | 16.32 | 51 | 107 | Oct 2015 | LGA 1151 | Desktop |
| Intel Core i3-8145U @ 2.10GHz | $281.00* | 5482 | 19.51 | 2175 | 7.74 | 15 | 365 | Nov 2018 | FCBGA1528 | Laptop |
| AMD A10-7870K | $226.99* | 5476 | 24.13 | 1580 | 6.96 | 95 | 57 | Jun 2015 | FM2+ | Desktop |
| AMD PRO A10-8750B | NA | 5473 | NA | 1616 | NA | 65 | 84 | Nov 2015 | FM2+ | Desktop |
| AMD A10-7850K APU | $167.33* | 5466 | 32.67 | 1575 | 9.42 | 95 | 57 | Jan 2014 | FM2+ | Desktop |
| AMD A8-8650 | NA | 5465 | NA | 1612 | NA | 65 | 84 | Nov 2015 | FM2+ | Desktop |
| AMD Opteron 6176 SE | $159.00* | 5465 | 34.37 | 737 | 4.64 | 140 | 39 | Aug 2010 | G34 | Server |
| Intel Core i3-4360 @ 3.70GHz | $259.00* | 5446 | 21.03 | 2142 | 8.27 | 54 | 100 | May 2014 | FCLGA1150 | Desktop |
| AMD Athlon 3000G | $57.60* | 5437 | 94.40 | 1812 | 31.47 | 35 | 155 | Nov 2019 | AM4 | Desktop |
| AMD Athlon 240GE | $88.68 | 5427 | 61.21 | 1814 | 20.46 | 35 | 155 | Jan 2019 | AM4 | Desktop |
| Intel Core i7-2635QM @ 2.00GHz | NA | 5426 | NA | 1283 | NA | 45 | 120 | Feb 2011 | BGA1224 | Laptop |
| Intel Core i7-875K @ 2.93GHz | $320.76* | 5415 | 16.88 | 1307 | 4.08 | 95 | 57 | Jun 2010 | LGA1156 | Desktop |
| AMD Athlon X4 860K | $134.95* | 5409 | 40.09 | 1601 | 11.86 | 95 | 56 | Sep 2014 | FM2+ | Desktop |
| AMD FX-6100 Six-Core | $258.00* | 5405 | 20.95 | 1187 | 4.60 | 95 | 56 | Oct 2011 | AM3+ | Desktop |
| Intel Pentium Gold G5420 @ 3.80GHz | $87.95 | 5403 | 61.44 | 2270 | 25.82 | 54 | 100 | Jun 2019 | FCLGA1151-2 | Desktop |
| AMD Athlon X4 845 | $53.13* | 5399 | 101.62 | 1750 | 32.94 | 65 | 83 | Mar 2016 | FM2+ | Desktop |
| Intel Xeon W3540 @ 2.93GHz | $19.92* | 5399 | 271.06 | 1306 | 65.59 | 130 | 41 | Jun 2009 | LGA1366 | Server |
| Intel Core i5-2500S @ 2.70GHz | $65.24* | 5395 | 82.70 | 1816 | 27.84 | 65 | 83 | Feb 2011 | LGA1155 | Desktop |
| Intel Xeon X5560 @ 2.80GHz | $33.99* | 5389 | 158.56 | 1290 | 37.97 | 95 | 56 | Apr 2009 | LGA1366 | Server |
| Intel Core i3-6098P @ 3.60GHz | $133.74* | 5387 | 40.28 | 2077 | 15.53 | 54 | 99 | Feb 2016 | LGA 1151 | Desktop |
| AMD A10 PRO-7850B APU | NA | 5380 | NA | 1601 | NA | 95 | 56 | Nov 2014 | FM2+ | Desktop |
| AMD A10-9700 | $83.11 | 5380 | 64.74 | 1726 | 20.77 | 65 | 82 | Dec 2016 | AM4 | Desktop |
| Intel Core i3-7300T @ 3.50GHz | $181.59* | 5369 | 29.57 | 1928 | 10.62 | 35 | 153 | May 2017 | FCLGA1151 | Desktop |
| Intel Core i5-2300 @ 2.80GHz | $79.99* | 5368 | 67.12 | 1574 | 19.69 | 95 | 56 | Jan 2011 | LGA1155 | Desktop |
| Intel Core i7-2715QE @ 2.10GHz | NA | 5365 | NA | 1271 | NA | 45 | 119 | Sep 2011 | BGA1023 | Laptop |
| AMD Opteron 6164 HE | NA | 5351 | NA | 613 | NA | 85 | 62 | Jun 2013 | Socket G34 | Server |
| AMD FX-4350 Quad-Core | $430.00 | 5342 | 12.43 | 1529 | 3.56 | 125 | 42 | Jun 2013 | AM3+ | Desktop |
| Intel Core i7-870 @ 2.93GHz | $97.99 | 5336 | 54.46 | 1304 | 13.31 | 95 | 56 | Sep 2009 | LGA1156 | Desktop |
| Intel Xeon X3470 @ 2.93GHz | $159.95* | 5335 | 33.36 | 1332 | 8.33 | 95 | 56 | Jul 2010 | LGA1156 | Server |
| Intel Core i7-940 @ 2.93GHz | $103.99* | 5332 | 51.27 | 1275 | 12.26 | 130 | 41 | Dec 2008 | LGA1366 | Desktop |
| AMD FX-4330 | NA | 5328 | NA | 1497 | NA | 95 | 56 | Dec 2015 | AM3+ | Desktop |
| AMD A8-7680 | $59.99* | 5326 | 88.79 | 1711 | 28.52 | 45 | 118 | Jan 2019 | FM2+ | Laptop |
| AMD Athlon X4 870K | $79.99* | 5325 | 66.57 | 1593 | 19.92 | 95 | 56 | Mar 2016 | FM2+ | Desktop |
| AMD Phenom II X6 1075T | $112.99* | 5325 | 47.13 | 1190 | 10.54 | 125 | 42 | Sep 2010 | AM3 | Desktop |
| Intel Xeon D-1518 @ 2.20GHz | NA | 5322 | NA | 1030 | NA | 35 | 152 | Jun 2016 | FCBGA1667 | Server |
| AMD PRO A8-9600 | $119.00* | 5277 | 44.35 | 1604 | 13.48 | 65 | 81 | Sep 2016 | AM4 | Desktop |
| Intel Xeon X5550 @ 2.67GHz | $304.85* | 5270 | 17.29 | 1262 | 4.14 | 95 | 55 | Apr 2009 | LGA1366 | Server |

## CPU Benchmarks ▼

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD Opteron 6172 | $xxx.xx | 5254 | 23.37 | xxx | 5.66 | xxx | 45 | Aug 2010 | G34 | Server |
| Intel Core i3-6300T @ 3.30GHz | $154.99* | 5258 | 33.93 | 1903 | 12.28 | 35 | 150 | Oct 2015 | LGA 1151 | Desktop |
| Intel Xeon E5640 @ 2.67GHz | $27.99* | 5250 | 187.60 | 1159 | 41.43 | 80 | 65 | May 2010 | LGA1366 | Server |
| Intel Core i3-4340 @ 3.60GHz | $169.99* | 5245 | 30.86 | 2086 | 12.28 | 54 | 97 | Jan 2013 | LGA1150 | Desktop |
| AMD Athlon X4 950 | $99.95 | 5235 | 52.39 | 1700 | 17.01 | 65 | 80 | Sep 2017 | AM4 | Desktop |
| AMD Athlon 220GE | $65.76 | 5230 | 79.54 | 1762 | 26.80 | 35 | 149 | Mar 2019 | AM4 | Laptop |
| AMD PRO A8-8650B | NA | 5223 | NA | 1560 | NA | 65 | 80 | Nov 2015 | FM2+ | Desktop |
| Intel Pentium G4620 @ 3.70GHz | $113.66* | 5215 | 45.89 | 2131 | 18.75 | 51 | 102 | Jan 2017 | FCLGA1151 | Desktop |
| Intel Pentium Gold G5400 @ 3.70GHz | $60.89 | 5213 | 85.62 | 2180 | 35.82 | 54 | 96 | Apr 2018 | FCLGA1151-2 | Desktop |
| Intel Xeon W3530 @ 2.80GHz | $293.95* | 5213 | 17.74 | 1268 | 4.31 | 130 | 40 | May 2010 | LGA1366 | Server |
| Intel Xeon E5-2418L @ 2.00GHz | NA | 5202 | NA | 1089 | NA | 50 | 104 | Mar 2016 | LGA 1356 | Server |
| Intel Pentium Gold G5500 @ 3.80GHz | $169.90* | 5195 | 30.58 | 2158 | 12.70 | 54 | 96 | May 2018 | FCLGA1151-2 | Desktop |
| Intel Core i3-4170 @ 3.70GHz | $159.00 | 5190 | 32.64 | 2127 | 13.38 | 54 | 96 | May 2015 | LGA1150 | Desktop |
| AMD PRO A12-8870E | NA | 5186 | NA | 1732 | NA | 35 | 148 | Nov 2016 | AM4 | Desktop |
| Intel Xeon E5-2603 v3 @ 1.60GHz | $68.99 | 5179 | 75.08 | 934 | 13.54 | 85 | 60 | Jan 2015 | LGA2011-v3 | Server |
| Intel Xeon E5-2609 v2 @ 2.50GHz | $30.99* | 5179 | 167.12 | 1293 | 41.73 | 80 | 64 | Apr 2014 | LGA 2011 | Server |
| Intel Core i3-7101TE @ 3.40GHz | $117.00* | 5160 | 44.11 | 1969 | 16.83 | 35 | 147 | Oct 2017 | FCLGA1151 | Desktop |
| Intel Pentium Gold G5420T @ 3.20GHz | $64.00* | 5156 | 80.57 | 1924 | 30.06 | 35 | 147 | Oct 2019 | FCLGA1151-2 | Desktop |
| Intel Core i5-7300U @ 2.60GHz | $494.61 | 5145 | 10.40 | 1951 | 3.95 | 15 | 343 | Feb 2017 | FCBGA1356 | Laptop |
| Intel Xeon X3460 @ 2.80GHz | $357.00* | 5142 | 14.40 | 1271 | 3.56 | 95 | 54 | Jan 2010 | LGA1156 | Server |
| AMD Athlon PRO 200GE | NA | 5133 | NA | 1658 | NA | 35 | 146 | May 2018 | AM4 | Desktop |
| Intel Core i7-930 @ 2.80GHz | $109.99* | 5126 | 46.61 | 1219 | 11.09 | 130 | 39 | Feb 2010 | LGA1366 | Desktop |
| Intel Core i7-7500U @ 2.70GHz | NA | 5120 | NA | 1911 | NA | 15 | 341 | Oct 2016 | FCBGA1356 | Laptop |
| AMD A10-7700K APU | $125.47* | 5118 | 40.79 | 1504 | 11.99 | 95 | 53 | Jan 2014 | FM2+ | Desktop |
| AMD Ryzen 3 PRO 2100GE | NA | 5113 | NA | 1694 | NA | 35 | 146 | May 2019 | AM4 | Desktop |
| Intel Core i7-7600U @ 2.80GHz | NA | 5109 | NA | 1977 | NA | 15 | 340 | Jan 2017 | FCBGA1356 | Laptop |
| AMD A8-7670K | $161.10* | 5089 | 31.59 | 1540 | 9.56 | 95 | 53 | Sep 2015 | FM2+ | Desktop |
| Intel Core i3-4330 @ 3.50GHz | $399.95 | 5088 | 12.72 | 2027 | 5.07 | 54 | 94 | Jan 2013 | LGA1150 | Desktop |
| Intel Core i5-2405S @ 2.50GHz | $208.00* | 5082 | 24.44 | 1613 | 7.76 | 65 | 78 | Jun 2011 | LGA1155 | Desktop |
| Intel Pentium G4600 @ 3.60GHz | $239.95 | 5070 | 21.13 | 2058 | 8.58 | 51 | 99 | Jan 2017 | FCLGA1151 | Desktop |
| AMD Athlon X4 840 | $78.74* | 5069 | 64.38 | 1559 | 19.80 | 65 | 77 | Jan 2015 | FM2+ | Desktop |
| AMD Embedded R-Series RX-418GD Radeon R6 | NA | 5068 | NA | 1536 | NA | 35 | 144 | Mar 2018 | FP4 | Laptop |
| AMD PRO A10-9700E | $139.00* | 5066 | 36.45 | 1638 | 11.79 | 35 | 144 | Jul 2016 | AM4 | Desktop |
| AMD A8-7600 APU | $146.94* | 5057 | 34.42 | 1542 | 10.50 | 65 | 77 | Jul 2014 | FM2+ | Desktop |
| Intel Xeon E5630 @ 2.53GHz | $35.00* | 5055 | 144.43 | 1139 | 32.55 | 80 | 63 | May 2010 | LGA1366 | Server |
| AMD A10-8750 | NA | 5054 | NA | 1620 | NA | 65 | 77 | Sep 2015 | FM2+ | Desktop |
| Intel Core i3-4160 @ 3.60GHz | $89.99 | 5052 | 56.14 | 2070 | 23.01 | 54 | 93 | Aug 2014 | FCLGA1150 | Desktop |
| Intel Core i5-7267U @ 3.10GHz | NA | 5052 | NA | 1770 | NA | 28 | 180 | Jul 2017 | BGA1356 | Laptop |
| Intel Core i3-7100T @ 3.40GHz | $152.69 | 5048 | 33.07 | 1916 | 12.55 | 35 | 144 | Feb 2017 | FCLGA1151 | Desktop |
| AMD Phenom II X6 1405T | NA | 5042 | NA | 1055 | NA | 95 | 53 | Jan 2018 | AM2+,AM3 | Desktop |
| AMD A10-7860K | $175.00* | 5037 | 28.78 | 1568 | 8.96 | 65 | 77 | Mar 2016 | FM2+ | Desktop |
| AMD PRO A10-8770E | NA | 5035 | NA | 1653 | NA | 35 | 143 | Jan 2017 | AM4 | Desktop |
| AMD A12-9800E | $143.37* | 5031 | 35.09 | 1621 | 11.31 | 35 | 143 | Sep 2017 | AM4 | Desktop |
| AMD Phenom II X6 1065T | NA | 5028 | NA | 1108 | NA | 95 | 52 | Mar 2011 | AM3 | Desktop |
| AMD Opteron 4365 EE | NA | 5025 | NA | 910 | NA | 40 | 125 | Apr 2017 | Socket C32 | Server |
| AMD FX-870K Quad Core | NA | 5021 | NA | 1539 | NA | NA | NA | Oct 2016 | NA | Unknown |
| Intel Core i7-860 @ 2.80GHz | $289.95* | 5019 | 17.31 | 1235 | 4.26 | 95 | 52 | Sep 2009 | LGA1156 | Desktop |
| AMD PRO A8-8670E | NA | 5015 | NA | 1546 | NA | 35 | 143 | Aug 2017 | AM4 | Desktop |
| Intel Xeon E5-4603 @ 2.00GHz | $96.04 | 5014 | 52.21 | 1062 | 11.07 | 95 | 52 | Mar 2014 | LGA 2011 | Server |

## CPU Benchmarks ▼

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD FX-4320 | NA | 5001 | NA | 1433 | NA | 95 | 52 | Jan 2013 | AM3 | Desktop |
| Intel Core i3-8130U @ 2.20GHz | $281.00* | 5005 | 17.81 | 1925 | 6.85 | 15 | 333 | Apr 2018 | FCBGA1356 | Laptop |
| Intel Core i5-2400S @ 2.50GHz | $79.00 | 4996 | 63.25 | 1609 | 20.37 | 65 | 76 | Jan 2011 | LGA1155 | Desktop |
| Intel Core i3-4350 @ 3.60GHz | $169.99* | 4990 | 29.36 | 2096 | 12.34 | 54 | 92 | Jun 2014 | LGA1150 | Desktop |
| Intel Core i5-4460T @ 1.90GHz | NA | 4986 | NA | 1506 | NA | 35 | 142 | Sep 2014 | LGA1150 | Desktop |
| Intel Core i7-6650U @ 2.20GHz | NA | 4978 | NA | 1814 | NA | 15 | 331 | Nov 2015 | FCBGA1356 | Laptop |
| AMD A10-7800 APU | $103.39* | 4972 | 48.09 | 1537 | 14.87 | 65 | 76 | Jun 2014 | FM2+ | Desktop |
| AMD A8-9600 | $73.57 | 4966 | 67.51 | 1574 | 21.40 | 65 | 76 | Apr 2017 | AM4 | Desktop |
| AMD Phenom II X6 1055T | $109.05* | 4964 | 45.52 | 1110 | 10.18 | 125 | 39 | Apr 2010 | AM3 | Desktop |
| AMD Athlon 200GE | $69.29 | 4957 | 71.55 | 1636 | 23.62 | 35 | 141 | Sep 2018 | AM4 | Desktop |
| Intel Core i7-5557U @ 3.10GHz | $705.00* | 4955 | 7.03 | 1893 | 2.69 | 28 | 176 | Mar 2015 | FCBGA1168 | Laptop |
| Intel Xeon W3520 @ 2.67GHz | $48.00* | 4940 | 102.92 | 1203 | 25.07 | 130 | 38 | Mar 2009 | LGA1366 | Server |
| Intel Core i3-4570T @ 2.90GHz | NA | 4934 | NA | 1931 | NA | 35 | 140 | Feb 2014 | FCLGA1150 | Desktop |
| Intel Core i5-24050S @ 2.50GHz | NA | 4928 | NA | 1332 | NA | 65 | 75 | Apr 2013 | LGA1155, FCLGA11 | Desktop |
| AMD A10 PRO-7800B APU | NA | 4924 | NA | 1559 | NA | 65 | 75 | Oct 2014 | FM2+ | Desktop |
| AMD A8-7650K | $230.00* | 4924 | 21.41 | 1469 | 6.39 | 65 | 75 | Feb 2015 | FM2+ | Desktop |
| Intel Core i3-4370T @ 3.30GHz | $138.00* | 4924 | 35.68 | 1947 | 14.11 | 35 | 140 | Nov 2017 | FCLGA1150 | Desktop |
| Intel Core i7-4610M @ 3.00GHz | NA | 4923 | NA | 1977 | NA | 37 | 133 | Jun 2014 | FPGA946,FPGA947 | Laptop |
| Intel Core i7-860S @ 2.53GHz | $199.99* | 4919 | 24.60 | 1319 | 6.60 | 82 | 59 | Apr 2011 | LGA1156 | Desktop |
| Intel Core i7-920 @ 2.67GHz | $41.99 | 4909 | 116.93 | 1166 | 27.78 | 130 | 37 | Nov 2008 | LGA1366 | Desktop |
| Intel Core i7-4600M @ 2.90GHz | NA | 4908 | NA | 1959 | NA | 37 | 132 | Oct 2013 | PGA946 | Laptop |
| Intel Core i3-4150 @ 3.50GHz | $99.00 | 4904 | 49.54 | 2009 | 20.30 | 54 | 90 | May 2014 | FCLGA1150 | Desktop |
| Intel Core i5-6267U @ 2.90GHz | NA | 4891 | NA | 1730 | NA | 28 | 174 | Apr 2016 | FCBGA1356 | Laptop |
| Intel Pentium Gold G5400T @ 3.10GHz | $64.00* | 4884 | 76.31 | 1870 | 29.22 | 35 | 139 | Oct 2018 | FCLGA1151-2 | Server |
| Intel Core i5-4340M @ 2.90GHz | NA | 4882 | NA | 1974 | NA | 37 | 131 | Jun 2014 | NA | Laptop |
| AMD FX-4170 Quad-Core | $99.99* | 4873 | 48.74 | 1404 | 14.04 | 125 | 38 | Mar 2012 | AM3+ | Desktop |
| AMD Opteron 6274 | $44.99 | 4865 | 108.15 | 842 | 18.73 | 115 | 42 | Feb 2012 | G34 | Server |
| Intel Xeon X5492 @ 3.40GHz | $1,391.29* | 4865 | 3.50 | 1448 | 1.04 | 150 | 32 | Jan 2008 | LGA771 | Server |
| AMD A10-6800K APU | $87.76* | 4862 | 55.40 | 1531 | 17.45 | 100 | 48 | Jun 2013 | FM2 | Desktop |
| Intel Core i3-6100T @ 3.20GHz | $134.99* | 4861 | 36.01 | 1822 | 13.50 | 35 | 138 | Nov 2015 | LGA 1151 | Desktop |
| Intel Pentium G4560 @ 3.50GHz | $110.62* | 4859 | 43.93 | 1987 | 17.96 | 54 | 89 | Jan 2017 | FCLGA1151 | Desktop |
| Intel Atom C3858 @ 2.00GHz | $332.00* | 4852 | 14.62 | 771 | 2.32 | 25 | 194 | Jul 2018 | FCBGA1310 | Server |
| Intel Core i7-870S @ 2.67GHz | NA | 4849 | NA | 1239 | NA | 82 | 59 | Dec 2010 | LGA1156 | Desktop |
| Intel Core i5-4570T @ 2.90GHz | $149.99* | 4826 | 32.18 | 1986 | 13.24 | 35 | 137 | Jan 2013 | LGA1150 | Desktop |
| AMD A10-6800B APU | NA | 4822 | NA | 1564 | NA | 100 | 48 | Feb 2014 | FM2 | Desktop |
| Intel Core i7-6560U @ 2.20GHz | NA | 4822 | NA | 1716 | NA | 15 | 321 | Feb 2016 | NA | Laptop |
| AMD FX-770K Quad-Core | NA | 4819 | NA | 1513 | NA | 65 | 74 | Dec 2014 | FM2+ | Desktop |
| Intel Xeon E5-2407 v2 @ 2.40GHz | $359.95* | 4810 | 13.37 | 1164 | 3.24 | 80 | 60 | Sep 2014 | FCLGA1356 | Server |
| Intel Core i3-4130 @ 3.40GHz | $88.00 | 4805 | 54.61 | 1958 | 22.26 | 54 | 88 | Jan 2013 | LGA1150 | Desktop |
| Intel Core i3-8121U @ 2.20GHz | NA | 4802 | NA | 1654 | NA | 15 | 320 | Dec 2018 | NA | Laptop |
| Intel Core i7-6600U @ 2.60GHz | NA | 4802 | NA | 1804 | NA | 15 | 320 | Sep 2015 | FCBGA1356 | Laptop |
| AMD Opteron X3421 APU | NA | 4793 | NA | 1507 | NA | 35 | 136 | Jun 2017 | NA | Server |
| AMD Phenom II X6 1045T | $108.01* | 4793 | 44.38 | 1068 | 9.89 | 95 | 50 | Sep 2010 | AM3 | Desktop |
| AMD FX-9830P | NA | 4787 | NA | 1634 | NA | 35 | 136 | Dec 2016 | FP4 | Laptop |
| Intel Core i7-4578U @ 3.00GHz | NA | 4780 | NA | 1988 | NA | 28 | 170 | Sep 2014 | FCBGA1168 | Laptop |
| AMD PRO A12-9800E | $169.00* | 4769 | 28.22 | 1614 | 9.55 | 35 | 136 | Jan 2017 | AM4 | Desktop |
| Intel Xeon E5620 @ 2.40GHz | $58.99* | 4769 | 80.85 | 1066 | 18.08 | 80 | 59 | Jun 2010 | LGA1366 | Server |
| Intel Core i3-7167U @ 2.80GHz | NA | 4757 | NA | 1644 | NA | 28 | 169 | Dec 2018 | NA | Laptop |
| Intel Core i5-6287U @ 3.10GHz | $304.00* | 4751 | 15.63 | 1764 | 5.80 | 28 | 169 | Oct 2017 | FCBGA1356 | Laptop |
| Intel Xeon X3450 @ 2.67GHz | $79.95* | 4750 | 59.42 | 1155 | 14.45 | 95 | 50 | Nov 2009 | LGA1156 | Server |
| Intel Xeon E5540 @ 2.53GHz | $59.00* | 4747 | 80.46 | 1143 | 19.38 | 80 | 59 | Jul 2009 | LGA1366 | Server |
| AMD A8 PRO-7600B APU | NA | 4744 | NA | 1446 | NA | 65 | 72 | Sep 2014 | FM2+ | Desktop |

| CPU Name | Price[1] | CPU Mark | CPU Value[2] | Thread Mark | Thread Value[3] | TDP (W) | Power Perf.[4] | Test Date[5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD A10-6790K APU | $94.99* | 4718 | 49.68 | 1482 | 15.61 | 100 | 47 | Dec 2013 | FM2 | Desktop |
| AMD Opteron 2435 | $65.00 | 4708 | 72.44 | 912 | 14.04 | 75 | 62 | Mar 2013 | F (1207) | Server |
| AMD Athlon X4 830 | NA | 4701 | NA | 1360 | NA | 65 | 72 | Feb 2018 | FM2+ | Desktop |
| Intel Core i5-5287U @ 2.90GHz | NA | 4700 | NA | 1839 | NA | 28 | 167 | Aug 2015 | FCBGA1168 | Laptop |
| AMD FX-4300 Quad-Core | $84.04 | 4699 | 55.92 | 1410 | 16.78 | 95 | 49 | Dec 2012 | AM3+ | Desktop |
| Intel Core i7-3540M @ 3.00GHz | $429.95* | 4667 | 10.86 | 1830 | 4.26 | 35 | 133 | Jan 2013 | rPGA988B | Laptop |
| AMD Phenom II X6 1035T | $189.00* | 4664 | 24.68 | 1018 | 5.39 | 95 | 49 | May 2010 | AM3 | Desktop |
| Intel Core i5-4310M @ 2.70GHz | NA | 4664 | NA | 1899 | NA | 37 | 126 | May 2014 | NA | Laptop |
| AMD A10-5800K APU | $149.99* | 4648 | 30.99 | 1457 | 9.71 | 100 | 46 | Oct 2012 | FM2 | Desktop |
| Intel Core i5-2500T @ 2.30GHz | $89.99* | 4647 | 51.64 | 1568 | 17.43 | 45 | 103 | Jun 2011 | LGA1155 | Desktop |
| Intel Core2 Extreme X9775 @ 3.20GHz | $1,805.95* | 4646 | 2.57 | 1390 | 0.77 | 150 | 30 | Feb 2009 | LGA771 | Desktop |
| Intel Core i3-4360T @ 3.20GHz | NA | 4636 | NA | 1893 | NA | 35 | 132 | Aug 2014 | LGA1150 | Desktop |
| AMD Embedded R-Series RX-421BD | NA | 4635 | NA | 1505 | NA | 35 | 132 | Nov 2015 | BGA (FP4) | Laptop |
| AMD Opteron 6136 | $110.00* | 4631 | 42.10 | 533 | 4.85 | 115 | 40 | Jun 2013 | Socket G34 | Server |
| AMD Athlon 300U | NA | 4627 | NA | 1608 | NA | 15 | 308 | Jul 2019 | FP5 | Laptop |
| AMD FX-7600P APU | NA | 4627 | NA | 1511 | NA | 35 | 132 | Oct 2014 | FP3 | Laptop |
| Intel Core i3-7100H @ 3.00GHz | $225.00* | 4627 | 20.57 | 1730 | 7.69 | 35 | 132 | Oct 2017 | FCBGA1440 | Laptop |
| Intel Xeon E5-2609 @ 2.40GHz | $99.95 | 4624 | 46.27 | 1223 | 12.24 | 80 | 57 | Apr 2012 | LGA2011 | Server |
| AMD A8-6500B APU | NA | 4616 | NA | 1483 | NA | 65 | 71 | Apr 2014 | FM2 | Desktop |
| AMD A10-5800B APU | NA | 4613 | NA | 1490 | NA | 100 | 46 | Jul 2013 | FM2 | Desktop |
| Intel Core i5-6360U @ 2.00GHz | NA | 4612 | NA | 1674 | NA | 15 | 307 | Jan 2017 | FCBGA1356 | Laptop |
| AMD FX-B4150 Quad-Core | NA | 4611 | NA | 1361 | NA | 95 | 48 | Feb 2013 | AM3+ | Desktop |
| Intel Core2 Extreme X9770 @ 3.20GHz | $1,608.95* | 4608 | 2.86 | 1369 | 0.85 | 136 | 33 | Nov 2008 | LGA775 | Desktop |
| AMD A10-6700 APU | $116.99* | 4605 | 39.37 | 1519 | 12.99 | 65 | 70 | Jun 2013 | FM2 | Desktop |
| AMD Athlon X4 760K Quad Core | $41.98* | 4604 | 109.68 | 1445 | 34.44 | 100 | 46 | Aug 2013 | FM2 | Desktop |
| Intel Xeon X3380 @ 3.16GHz | $509.95* | 4600 | 9.02 | 1348 | 2.64 | 95 | 48 | Jan 2009 | LGA775 | Server |
| AMD FX-4150 Quad-Core | NA | 4594 | NA | 1361 | NA | 125 | 36 | Dec 2013 | AM3+ | Desktop |
| AMD A8-6600K APU | $96.99* | 4592 | 47.35 | 1461 | 15.06 | 100 | 45 | Jun 2013 | FM2 | Desktop |
| AMD Ryzen 3 2200U | NA | 4580 | NA | 1581 | NA | 15 | 305 | Dec 2017 | FP5 | Laptop |
| Intel Xeon X5470 @ 3.33GHz | $189.00* | 4579 | 24.23 | 1383 | 7.32 | 120 | 38 | Mar 2009 | LGA771 | Server |
| AMD Ryzen Embedded R1505G | NA | 4578 | NA | 1650 | NA | 15 | 305 | Jul 2019 | FP5 | Laptop |
| AMD Ryzen 3 3200U | NA | 4573 | NA | 1634 | NA | 15 | 304 | Apr 2019 | FP5 | Laptop |
| Intel Core i5-7200U @ 2.50GHz | $281.00* | 4561 | 16.23 | 1715 | 6.10 | 15 | 304 | Oct 2016 | FCBGA1356 | Laptop |
| Intel Core 860 @ 2.80GHz | $159.00* | 4555 | 28.65 | 1093 | 6.88 | NA | NA | Jan 2010 | NA | Unknown |
| Intel Core i5-4330M @ 2.80GHz | $274.99* | 4551 | 16.55 | 1838 | 6.68 | 37 | 123 | Oct 2013 | NA | Laptop |
| Intel Core i7-3520M @ 2.90GHz | $132.02* | 4551 | 34.47 | 1782 | 13.51 | 35 | 130 | Jun 2012 | BGA1023 | Laptop |
| AMD FX-670K Quad-Core | NA | 4550 | NA | 1519 | NA | 65 | 70 | Apr 2014 | FM2 | Desktop |
| AMD Opteron X3418 APU | NA | 4548 | NA | 1501 | NA | 25 | 181 | Mar 2019 | NA | Server |
| Intel Core i5-4400E @ 2.70GHz | $266.00* | 4548 | 17.10 | 1899 | 7.14 | 37 | 122 | Mar 2014 | BGA1364 | Desktop |
| AMD FirePro A320 APU | NA | 4540 | NA | 1432 | NA | 100 | 45 | Aug 2016 | FM2 | Desktop |
| Intel Core i5-4210H @ 2.90GHz | NA | 4534 | NA | 1876 | NA | 47 | 96 | Sep 2014 | FCBGA1364 | Laptop |
| Intel Xeon X5482 @ 3.20GHz | $99.99* | 4528 | 45.29 | 1363 | 13.63 | 150 | 30 | Mar 2009 | LGA771 | Server |
| AMD Opteron 2431 | $40.00* | 4516 | 112.91 | 877 | 21.93 | 75 | 60 | Aug 2009 | F (1207) | Server |
| Intel Xeon X3440 @ 2.53GHz | $141.96* | 4510 | 31.78 | 1057 | 7.45 | 95 | 47 | Oct 2009 | LGA1156 | Server |
| Intel Xeon E5-2637 @ 3.00GHz | $885.00* | 4508 | 5.09 | 1654 | 1.87 | 80 | 56 | Apr 2018 | FCLGA2011 | Server |
| AMD Opteron 6128 | $18.99 | 4505 | 237.24 | 690 | 36.37 | 115 | 39 | Apr 2010 | G34 | Server |
| Intel Core2 Extreme X9750 @ 3.16GHz | NA | 4504 | NA | 1340 | NA | NA | NA | Mar 2009 | NA | Unknown |
| Intel Core i3-4170T @ 3.20GHz | $209.95* | 4501 | 21.44 | 1813 | 8.64 | 35 | 128 | Oct 2015 | LGA1150 | Desktop |
| Intel Core i3-4330T @ 3.00GHz | NA | 4501 | NA | 1748 | NA | 35 | 128 | Feb 2014 | LGA1150 | Desktop |
| Intel Core i5-3470T @ 2.90GHz | $308.95* | 4496 | 14.55 | 1833 | 5.94 | 35 | 128 | Jun 2012 | LGA1155 | Desktop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Xeon E5650 @ 2.40GHz | $16.00* | 4494 | 313.72 | 1554 | 5.76 | 95 | 55 | Apr 2009 | LGA1366 | Server |
| AMD Phenom II X4 980 | $229.99* | 4488 | 19.52 | 1295 | 5.63 | 125 | 35 | Jul 2011 | AM3 | Unknown |
| AMD A10-9630P | NA | 4474 | NA | 1445 | NA | 35 | 127 | Aug 2016 | FP4 | Laptop |
| Intel Core i3-3245 @ 3.40GHz | $139.95 | 4473 | 31.96 | 1831 | 13.09 | 55 | 81 | Jan 2013 | LGA1155 | Desktop |
| Intel Core i3-4160T @ 3.10GHz | $149.99* | 4473 | 29.82 | 1803 | 12.02 | 35 | 127 | Oct 2014 | LGA1150 | Desktop |
| Intel Core i7-6498DU @ 2.50GHz | NA | 4470 | NA | 1682 | NA | 15 | 298 | Nov 2016 | BGA1356 | Laptop |
| Intel Core i5-4200H @ 2.80GHz | NA | 4464 | NA | 1839 | NA | 47 | 94 | Jan 2014 | BGA1364 | Desktop |
| Intel Core i3-3250 @ 3.50GHz | $70.00 | 4449 | 63.56 | 1851 | 26.45 | 55 | 80 | Jan 2013 | LGA1155 | Desktop |
| AMD Ryzen Embedded V1202B | NA | 4447 | NA | 1509 | NA | 15 | 296 | Oct 2018 | FP5 | Laptop |
| Intel Core i5-4300M @ 2.60GHz | NA | 4446 | NA | 1801 | NA | 37 | 120 | Jan 2013 | PGA946 | Laptop |
| AMD Phenom II X4 975 | $139.69* | 4445 | 31.82 | 1249 | 8.95 | 125 | 35 | Jan 2011 | AM3 | Unknown |
| Intel Core i5-3380M @ 2.90GHz | NA | 4445 | NA | 1800 | NA | 35 | 127 | Jan 2013 | FCPGA988, FCBGA1 | Laptop |
| Intel Core i5-3360M @ 2.80GHz | $92.81* | 4441 | 47.86 | 1762 | 18.99 | 35 | 126 | Jun 2012 | BGA1023 | Laptop |
| Intel Core i7-6500U @ 2.50GHz | $393.00* | 4420 | 11.25 | 1640 | 4.17 | 15 | 294 | Sep 2015 | FCBGA1356 | Laptop |
| Intel Xeon E3-1220L V2 @ 2.30GHz | NA | 4419 | NA | 1681 | NA | 17 | 259 | Mar 2014 | LGA1155 | Server |
| AMD Opteron 4184 | $519.95* | 4418 | 8.50 | 969 | 1.86 | 95 | 46 | Aug 2011 | C32 | Server |
| AMD A12-9730P | NA | 4417 | NA | 1544 | NA | 35 | 126 | Jul 2017 | FP4 | Laptop |
| Intel Core i5-5257U @ 2.70GHz | NA | 4414 | NA | 1703 | NA | 23 | 191 | Mar 2015 | FCBGA1168 | Laptop |
| Intel Core i7-4558U @ 2.80GHz | NA | 4401 | NA | 1710 | NA | 28 | 157 | Jan 2013 | BGA1168 | Laptop |
| AMD Athlon X4 750 Quad Core | NA | 4400 | NA | 1441 | NA | 65 | 67 | Mar 2015 | FM2 | Desktop |
| AMD A8-6500 APU | $94.99* | 4398 | 46.31 | 1440 | 15.17 | 65 | 67 | Aug 2013 | FM2 | Desktop |
| Intel Xeon L5530 @ 2.40GHz | $19.26* | 4389 | 227.93 | 1079 | 56.05 | 60 | 73 | Oct 2011 | LGA1366 | Server |
| AMD PRO A10-9700B | NA | 4380 | NA | 1505 | NA | 15 | 292 | Jan 2018 | FP4 | Laptop |
| Intel Xeon E5520 @ 2.27GHz | $48.51* | 4373 | 90.16 | 1028 | 21.20 | 80 | 54 | Mar 2009 | LGA1366 | Server |
| Intel Core i5-4278U @ 2.60GHz | NA | 4371 | NA | 1734 | NA | 28 | 156 | Aug 2014 | FCBGA1168 | Laptop |
| AMD RX-427BB | NA | 4364 | NA | 1395 | NA | 35 | 124 | Mar 2015 | FP3 | Laptop |
| Intel Core i5-6300U @ 2.40GHz | NA | 4363 | NA | 1622 | NA | 15 | 290 | Sep 2015 | FCBGA1356 | Laptop |
| Intel Core i5-6260U @ 1.80GHz | $342.53 | 4361 | 12.73 | 1590 | 4.64 | 15 | 290 | Dec 2015 | FCBGA1356 | Laptop |
| Intel Core i3-3225 @ 3.30GHz | $324.99 | 4347 | 13.38 | 1769 | 5.44 | 55 | 79 | Sep 2012 | LGA1155 | Desktop |
| Intel Pentium Gold G5500T @ 3.20GHz | $75.00* | 4346 | 57.95 | 1781 | 23.75 | 35 | 124 | May 2018 | FCLGA1151-2 | Desktop |
| AMD A8-5600K APU | $229.30 | 4341 | 18.93 | 1375 | 6.00 | 100 | 43 | Oct 2012 | FM2 | Desktop |
| Intel Xeon L5630 @ 2.13GHz | $20.99* | 4338 | 206.69 | 935 | 44.55 | 40 | 108 | Jan 2010 | LGA1366 | Server |
| Intel Core i7-4560U @ 1.60GHz | NA | 4329 | NA | 1806 | NA | NA | NA | Mar 2016 | NA | Laptop |
| Intel Core i3-6100TE @ 2.70GHz | NA | 4328 | NA | 1555 | NA | 35 | 123 | Dec 2015 | LGA 1151 | Desktop |
| Intel Core i3-2140 @ 3.50GHz | NA | 4325 | NA | 1544 | NA | 65 | 66 | Feb 2013 | NA | Unknown |
| Intel Xeon L5520 @ 2.27GHz | $12.82* | 4324 | 337.35 | 1043 | 81.42 | 60 | 72 | Mar 2010 | LGA1366 | Server |
| Intel Core i7-5600U @ 2.60GHz | NA | 4322 | NA | 1659 | NA | 15 | 288 | Jan 2015 | FCBGA1168 | Laptop |
| Intel Xeon X5460 @ 3.16GHz | $99.78* | 4319 | 43.29 | 1324 | 13.28 | 120 | 35 | Feb 2009 | LGA771 | Server |
| Intel Core i3-3240 @ 3.40GHz | $53.87 | 4317 | 80.14 | 1802 | 33.46 | 55 | 78 | Mar 2012 | LGA1155 | Desktop |
| AMD Phenom II X4 970 | $148.11* | 4312 | 29.12 | 1226 | 8.28 | 125 | 34 | Sep 2010 | AM3 | Unknown |
| Intel Core i5-4288U @ 2.60GHz | NA | 4303 | NA | 1753 | NA | 28 | 153 | Jul 2013 | FCBGA1168 | Laptop |
| Intel Core i3-4350T @ 3.10GHz | NA | 4302 | NA | 1809 | NA | 35 | 122 | Jul 2015 | LGA1150 | Laptop |
| Intel Xeon X3370 @ 3.00GHz | $367.02* | 4284 | 11.67 | 1271 | 3.47 | 95 | 45 | May 2009 | LGA775 | Server |
| AMD Athlon X4 750K Quad Core | $76.99* | 4275 | 55.54 | 1370 | 17.80 | 100 | 42 | Nov 2012 | FM2 | Unknown |
| Intel Xeon X5698 @ 4.40GHz | NA | 4272 | NA | 1856 | NA | 130 | 32 | Jun 2013 | LGA1366 | Server |
| AMD FX-4200 Quad-Core | $228.21* | 4270 | 18.71 | 1190 | 5.22 | 125 | 34 | Dec 2013 | AM3+ | Desktop |
| Intel Pentium G4600T @ 3.00GHz | $177.28* | 4266 | 24.06 | 1754 | 9.90 | 35 | 121 | Apr 2017 | FCLGA1151 | Desktop |
| AMD Phenom II X4 B70 | NA | 4261 | NA | 1190 | NA | 65 | 65 | Jun 2016 | AM2+ (938-pin) | Desktop |
| Intel Core i5-3340M @ 2.70GHz | $79.95 | 4253 | 53.20 | 1693 | 21.19 | 35 | 121 | Jan 2013 | BGA1023 | Laptop |
| Intel Core i3-3220 @ 3.30GHz | $49.00 | 4247 | 86.68 | 1756 | 35.84 | 55 | 77 | Aug 2012 | LGA1155 | Desktop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Core i7-6850K @ 2.20GHz | NA | 4242 | NA | 1674 | NA | 15 | 282 | Mar 2018 | FCBGA1168 | Laptop |
| AMD PRO A12-8830B | NA | 4233 | NA | 1468 | NA | 15 | 282 | Sep 2017 | BGA (FP4) | Laptop |
| Intel Core i3-4150T @ 3.00GHz | $229.95* | 4227 | 18.39 | 1728 | 7.52 | 35 | 120 | Jul 2014 | FCLGA1150 | Desktop |
| Intel Core i5-8210Y @ 1.60GHz | NA | 4227 | NA | 1522 | NA | 7 | 603 | Feb 2019 | FCBGA1515 | Laptop |
| Intel Core i5-4308U @ 2.80GHz | NA | 4219 | NA | 1573 | NA | 28 | 150 | Nov 2014 | FCBGA1364 | Laptop |
| Intel Core i5-4210M @ 2.60GHz | $309.95* | 4216 | 13.60 | 1731 | 5.59 | 37 | 113 | May 2014 | FCPGA946 | Laptop |
| AMD A10-5700 APU | $64.50* | 4214 | 65.35 | 1358 | 21.06 | 65 | 64 | Jun 2012 | FM2 | Desktop |
| Intel Core i5-2390T @ 2.70GHz | $99.90* | 4212 | 42.16 | 1712 | 17.14 | 35 | 120 | Aug 2011 | LGA1155 | Desktop |
| Intel Core i5-8200Y @ 1.30GHz | $291.00* | 4211 | 14.47 | 1432 | 4.92 | 5 | 842 | Dec 2018 | FCBGA1515 | Laptop |
| AMD FX-8800P | NA | 4197 | NA | 1450 | NA | 35 | 119 | Aug 2015 | FP4 | Laptop |
| Intel Core i3-6100H @ 2.70GHz | NA | 4188 | NA | 1548 | NA | 35 | 119 | Nov 2015 | LGA 1151 | Laptop |
| Intel Xeon E5-2407 @ 2.20GHz | $84.92* | 4188 | 49.32 | 958 | 11.29 | 80 | 52 | Jan 2012 | LGA 1356 | Server |
| AMD Opteron 3350 HE | NA | 4186 | NA | 1280 | NA | 45 | 93 | Jun 2013 | NA | Server |
| Intel Pentium G4520 @ 3.60GHz | $109.99* | 4184 | 38.05 | 2079 | 18.91 | 51 | 82 | Nov 2015 | FCLGA1151 | Desktop |
| Intel Xeon E5450 @ 3.00GHz | $298.94* | 4179 | 13.98 | 1266 | 4.24 | 80 | 52 | Apr 2009 | LGA771 | Server |
| AMD Phenom II X4 965 | $84.01* | 4175 | 49.71 | 1181 | 14.07 | 125 | 33 | Aug 2009 | AM3 | Desktop |
| AMD Phenom II X4 B65 | NA | 4172 | NA | 1183 | NA | NA | NA | Jan 2011 | AM2+/AM3 | Desktop |
| AMD FX-4130 Quad-Core | $75.99* | 4163 | 54.79 | 1248 | 16.43 | 125 | 33 | Dec 2012 | AM3+ | Desktop |
| Intel Core i5-6198DU @ 2.30GHz | NA | 4156 | NA | 1526 | NA | 15 | 277 | Aug 2016 | BGA1356 | Laptop |
| Intel Core2 Extreme X9650 @ 3.00GHz | $859.99* | 4155 | 4.83 | 1252 | 1.46 | 130 | 31 | Nov 2008 | LGA775 | Desktop |
| Intel Core i3-4130T @ 2.90GHz | $248.56 | 4154 | 16.71 | 1669 | 6.72 | 35 | 118 | Jan 2013 | LGA1150 | Desktop |
| Intel Core2 Quad Q9650 @ 3.00GHz | $159.95 | 4153 | 25.97 | 1259 | 7.88 | 95 | 43 | Dec 2008 | LGA775 | Desktop |
| Intel Core i5-3320M @ 2.60GHz | $69.81 | 4134 | 59.22 | 1642 | 23.53 | 35 | 118 | Apr 2012 | BGA1023 | Laptop |
| AMD Phenom II X4 B99 | NA | 4126 | NA | 1158 | NA | 95 | 43 | Oct 2011 | NA | Unknown |
| AMD Athlon II X4 559 | NA | 4124 | NA | 1164 | NA | NA | NA | Sep 2013 | NA | Unknown |
| Intel Core i7-3687U @ 2.10GHz | NA | 4124 | NA | 1609 | NA | 17 | 242 | Jan 2013 | BGA1023 | Laptop |
| AMD PRO A12-8800B | NA | 4111 | NA | 1414 | NA | 15 | 274 | Sep 2015 | FP4 | Laptop |
| Intel Xeon X5450 @ 3.00GHz | $59.96* | 4108 | 68.52 | 1260 | 21.02 | 120 | 34 | Feb 2009 | LGA771 | Server |
| AMD PRO A12-9800B | NA | 4102 | NA | 1482 | NA | 15 | 273 | Jul 2016 | FP4 | Laptop |
| Intel Core i7-4600U @ 2.10GHz | NA | 4102 | NA | 1688 | NA | 15 | 273 | Jul 2013 | FCBGA1168 | Laptop |
| Intel Core i5-4258U @ 2.40GHz | NA | 4096 | NA | 1630 | NA | 28 | 146 | Jul 2013 | FCBGA1168 | Laptop |
| Intel Xeon E5472 @ 3.00GHz | $30.04* | 4083 | 135.93 | 1239 | 41.28 | 80 | 51 | Mar 2009 | LGA771 | Server |
| AMD FX-4100 Quad-Core | $153.45* | 4076 | 26.56 | 1221 | 7.96 | 95 | 42 | Oct 2011 | AM3+ | Desktop |
| Intel Core i3-2130 @ 3.40GHz | $35.49 | 4075 | 114.83 | 1755 | 49.47 | 65 | 62 | Sep 2011 | LGA1155 | Desktop |
| AMD A8-5500B APU | NA | 4064 | NA | 1280 | NA | 65 | 62 | Mar 2013 | FM2 | Desktop |
| Intel Core i3-7130U @ 2.70GHz | $459.99* | 4061 | 8.83 | 1517 | 3.30 | 15 | 270 | Nov 2017 | FCBGA1356 | Laptop |
| Intel Core i3-3210 @ 3.20GHz | $199.00* | 4044 | 20.33 | 1708 | 8.58 | 55 | 73 | Jan 2013 | LGA1155 | Desktop |
| AMD FX-7600P | NA | 4039 | NA | 1253 | NA | 35 | 115 | Jan 2015 | FP3 | Laptop |
| Intel Core i5-4200M @ 2.50GHz | $81.12* | 4038 | 49.79 | 1642 | 20.25 | 37 | 109 | Jan 2013 | PGA946 | Laptop |
| AMD Athlon X4 740 Quad Core | $277.00* | 4034 | 14.57 | 1291 | 4.66 | 65 | 62 | Nov 2012 | FM2 | Desktop |
| AMD Phenom II X4 B60 | NA | 4032 | NA | 1152 | NA | NA | NA | Oct 2010 | NA | Unknown |
| Intel Core i3-2125 @ 3.30GHz | $207.00* | 4015 | 19.40 | 1700 | 8.22 | 65 | 61 | Sep 2011 | LGA1155 | Desktop |
| Intel Core i5-6200U @ 2.30GHz | NA | 4010 | NA | 1496 | NA | 15 | 267 | Jul 2015 | FCBGA1356 | Laptop |
| Intel Xeon X5472 @ 3.00GHz | $225.00* | 4001 | 17.78 | 1212 | 5.39 | 120 | 33 | Mar 2009 | LGA771 | Server |
| AMD A8-5500 APU | $56.50* | 4000 | 70.81 | 1268 | 22.46 | 65 | 61 | Jun 2012 | FM2 | Desktop |
| AMD A12-9720P | NA | 3990 | NA | 1415 | NA | 15 | 266 | Jul 2017 | FP4 | Laptop |
| Intel Pentium G4560T @ 2.90GHz | $109.99* | 3990 | 36.28 | 1650 | 15.00 | 35 | 114 | Mar 2017 | FCLGA1151 | Desktop |
| Intel Core i7-5500U @ 2.40GHz | NA | 3981 | NA | 1545 | NA | 15 | 265 | Jan 2015 | FCBGA1168 | Laptop |
| Intel Xeon X3363 @ 2.83GHz | $34.09* | 3981 | 116.79 | 1205 | 35.36 | 80 | 49 | Oct 2013 | LGA771 | Server |
| Intel Core i7-3667U @ 2.00GHz | NA | 3980 | NA | 1557 | NA | 17 | 234 | Jun 2012 | BGA1023 | Laptop |
| Intel Core i7-3555LE @ 2.50GHz | NA | 3966 | NA | 1546 | NA | 25 | 158 | Jun 2012 | BGA1023 | Laptop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD PRO A8-8600B | NA | 3964 | NA | 1366 | NA | 15 | 264 | Jun 2016 | FP4 | Laptop |
| AMD FX-9800P | NA | 3963 | NA | 1381 | NA | 15 | 264 | Jun 2016 | NA | Laptop |
| Intel Core2 Quad Q9550 @ 2.83GHz | $44.49* | 3960 | 89.02 | 1196 | 26.90 | 95 | 41 | Nov 2008 | LGA775 | Desktop |
| Intel Xeon E5440 @ 2.83GHz | $99.00* | 3956 | 39.96 | 1204 | 12.17 | 80 | 49 | Feb 2009 | LGA771 | Server |
| AMD PRO A10-8730B | NA | 3953 | NA | 1377 | NA | 15 | 263 | Dec 2016 | FP4 | Laptop |
| Intel Core i7-4650U @ 1.70GHz | NA | 3948 | NA | 1684 | NA | 15 | 263 | Jan 2013 | BGA1168 | Laptop |
| Intel Core i5-4402E @ 1.60GHz | NA | 3947 | NA | 1552 | NA | 25 | 157 | Jan 2016 | FCBGA1364 | Laptop |
| Intel Core2 Quad Q9705 @ 3.16GHz | NA | 3947 | NA | NA | NA | 95 | 41 | May 2010 | LGA775 | Unknown |
| Intel Core i5-3230M @ 2.60GHz | $217.42* | 3946 | 18.15 | 1576 | 7.25 | 35 | 112 | Jan 2013 | PGA988 | Laptop |
| AMD Phenom Ultra X4 24500 | NA | 3945 | NA | NA | NA | NA | NA | May 2011 | NA | Unknown |
| Intel Core i7-8500Y @ 1.50GHz | $393.00* | 3945 | 10.04 | 1480 | 3.77 | 5 | 789 | Oct 2018 | FCBGA1515 | Laptop |
| Intel Xeon L3426 @ 1.87GHz | $447.01* | 3943 | 8.82 | 1111 | 2.49 | 45 | 87 | Mar 2010 | LGA1156 | Server |
| Intel Core i5-760 @ 2.80GHz | $209.00* | 3933 | 18.82 | 1208 | 5.78 | 95 | 41 | Jul 2010 | LGA1156 | Desktop |
| Intel Core i3-2120 @ 3.30GHz | $35.00 | 3931 | 112.33 | 1690 | 48.31 | 65 | 60 | Feb 2011 | LGA1155 | Desktop |
| Intel Core i5-3610ME @ 2.70GHz | NA | 3929 | NA | 1654 | NA | 35 | 112 | Jan 2012 | BGA1023 | Laptop |
| Intel Core i7-2640M @ 2.80GHz | $119.81 | 3925 | 32.77 | 1589 | 13.27 | 35 | 112 | Oct 2011 | BGA1023 | Laptop |
| Intel Xeon X3360 @ 2.83GHz | $157.95* | 3925 | 24.86 | 1190 | 7.53 | 95 | 41 | Apr 2009 | LGA775 | Server |
| Intel Core i7-940XM @ 2.13GHz | NA | 3921 | NA | 1093 | NA | 55 | 71 | Jul 2010 | PGA988 | Laptop |
| Intel Core i7-4510U @ 2.00GHz | NA | 3918 | NA | 1629 | NA | 15 | 261 | May 2014 | FCBGA1168 | Laptop |
| AMD Phenom II X4 955 | $130.16* | 3914 | 30.08 | 1107 | 8.51 | 125 | 31 | Mar 2009 | AM3 | Desktop |
| Intel Xeon E5462 @ 2.80GHz | $27.30* | 3872 | 141.84 | 1165 | 42.70 | 80 | 48 | Feb 2009 | LGA771 | Server |
| AMD Phenom II X4 B97 | $56.99* | 3863 | 67.80 | 1104 | 19.38 | 95 | 40 | Sep 2010 | AM2+/AM3 | Desktop |
| Intel Pentium G3258 @ 3.20GHz | $109.99 | 3863 | 35.13 | 2124 | 19.32 | 53 | 72 | Jun 2014 | FCLGA1150 | Desktop |
| Intel Core i3-21050 @ 3.10GHz | NA | 3862 | NA | 1587 | NA | NA | NA | Apr 2019 | NA | Unknown |
| Intel Core i3-4110M @ 2.60GHz | NA | 3854 | NA | 1494 | NA | 37 | 104 | Dec 2014 | FCPGA946 | Laptop |
| Intel Xeon X3353 @ 2.66GHz | $73.50* | 3853 | 52.43 | 1120 | 15.25 | 80 | 48 | Apr 2014 | LGA775 | Server |
| AMD Phenom II X4 B55 | NA | 3852 | NA | 1111 | NA | NA | NA | Feb 2010 | AM2+/AM3 | Desktop |
| Intel Core i5-5300U @ 2.30GHz | $543.39* | 3851 | 7.09 | 1531 | 2.82 | 15 | 256 | Jan 2015 | FCBGA1168 | Laptop |
| Intel Core i7-5550U @ 2.00GHz | NA | 3851 | NA | 1554 | NA | 15 | 256 | Apr 2016 | FCBGA1168 | Laptop |
| Intel Core i7-2620M @ 2.70GHz | $169.81* | 3840 | 22.62 | 1560 | 9.19 | 35 | 109 | Jan 2011 | BGA1023 | Laptop |
| Intel Xeon L7455 @ 2.13GHz | NA | 3836 | NA | 924 | NA | 65 | 59 | Nov 2014 | PGA604 | Server |
| AMD Athlon II X4 555 | NA | 3830 | NA | 1064 | NA | NA | NA | Dec 2010 | NA | Unknown |
| Intel Core i5-3210M @ 2.50GHz | $68.24* | 3829 | 56.12 | 1520 | 22.28 | 35 | 109 | Mar 2012 | PGA988B | Laptop |
| Intel Core i5-4570TE @ 2.70GHz | $199.99* | 3827 | 19.14 | 1446 | 7.23 | 35 | 109 | Sep 2014 | LGA1150 | Desktop |
| Intel Xeon X3350 @ 2.66GHz | $59.99* | 3820 | 63.69 | 1149 | 19.16 | 95 | 40 | Dec 2008 | LGA775 | Server |
| Intel Core i3-6157U @ 2.40GHz | NA | 3819 | NA | 1345 | NA | 28 | 136 | Oct 2016 | BGA1356 | Laptop |
| AMD Athlon II X4 553 | NA | 3814 | NA | 1010 | NA | NA | NA | Jan 2011 | NA | Unknown |
| AMD Opteron 8439 SE | $60.00* | 3813 | 63.56 | 907 | 15.13 | 105 | 36 | Feb 2013 | F (1207) | Server |
| Intel Pentium D1508 @ 2.20GHz | $129.00* | 3813 | 29.56 | 1498 | 11.61 | 25 | 152 | Dec 2017 | FCBGA1667 | Server |
| Intel Core i7-3537U @ 2.00GHz | NA | 3810 | NA | 1497 | NA | 17 | 224 | Jan 2013 | BGA1023 | Laptop |
| Intel Pentium G4500 @ 3.50GHz | $89.00 | 3792 | 42.61 | 1972 | 22.16 | 51 | 74 | Oct 2015 | FCLGA1151 | Desktop |
| Intel Core i7-4500U @ 1.80GHz | NA | 3785 | NA | 1557 | NA | 15 | 252 | Jan 2013 | BGA1168 | Laptop |
| Intel Core i5-2540M @ 2.60GHz | $58.02* | 3783 | 65.21 | 1561 | 26.91 | 35 | 108 | Dec 2010 | BGA1023 | Laptop |
| Intel Core i5-4310U @ 2.00GHz | NA | 3782 | NA | 1601 | NA | 15 | 252 | Apr 2014 | FCBGA1168 | Laptop |
| AMD Phenom II X4 960T | $469.00 | 3772 | 8.04 | 1133 | 2.42 | 95 | 39 | Jun 2011 | AM3 | Desktop |
| Intel Core i3-6100E @ 2.70GHz | NA | 3769 | NA | 1513 | NA | 35 | 107 | May 2016 | LGA 1151 | Laptop |
| Intel Atom C2750 @ 2.40GHz | $232.00* | 3768 | 16.24 | 567 | 2.45 | 20 | 188 | Mar 2014 | FCBGA1283 | Server |
| Intel Xeon E5-2603 v2 @ 1.80GHz | $59.99 | 3766 | 62.78 | 982 | 16.37 | 80 | 47 | Nov 2014 | LGA 2011 | Server |
| AMD A10-9600P | NA | 3764 | NA | 1287 | NA | 15 | 250 | Jun 2016 | FP4 | Laptop |
| Intel Xeon L3360 @ 2.83GHz | $89.23* | 3764 | 42.18 | 1210 | 13.57 | 65 | 57 | May 2012 | LGA775 | Server |

## CPU Benchmarks ▼

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AMD Phenom II X4 975 | NA | 3759 | NA | 1097 | NA | NA | NA | Aug 2010 | NA | Unknown |
| Intel Core i3-7100U @ 2.40GHz | $409.99 | 3758 | 9.17 | 1356 | 3.31 | 15 | 250 | Oct 2016 | FCBGA1356 | Laptop |
| Intel Core2 Quad Q9450 @ 2.66GHz | $35.70* | 3756 | 105.22 | 1132 | 31.72 | 95 | 39 | Nov 2008 | LGA775 | Desktop |
| Intel Core i5-2560M @ 2.70GHz | NA | 3752 | NA | 1398 | NA | NA | NA | Jun 2014 | NA | Unknown |
| AMD Phenom II X4 977 | NA | 3750 | NA | 1147 | NA | 95 | 39 | Dec 2012 | NA | Unknown |
| Intel Xeon E5430 @ 2.66GHz | $154.95* | 3750 | 24.20 | 1132 | 7.31 | 80 | 46 | Feb 2009 | LGA771 | Server |
| Intel Core i7-4610Y @ 1.70GHz | NA | 3746 | NA | 1581 | NA | 11.5 | 325 | Jan 2013 | BGA1168 | Desktop |
| Intel Core m3-8100Y @ 1.10GHz | $281.00* | 3741 | 13.32 | 1470 | 5.23 | 5 | 748 | Dec 2018 | FCBGA1515 | Laptop |
| Intel Core i5-4300U @ 1.90GHz | NA | 3737 | NA | 1563 | NA | 15 | 249 | Jul 2013 | FCBGA1168 | Laptop |
| Intel Core i3-2102 @ 3.10GHz | $58.00* | 3736 | 64.41 | 1623 | 27.99 | 65 | 57 | Mar 2016 | FCLGA1155 | Desktop |
| Intel Core i7-7Y75 @ 1.30GHz | NA | 3730 | NA | 1429 | NA | 4.5 | 828 | Oct 2016 | FCBGA1515 | Desktop, Laptop |
| Intel Core i7-920XM @ 2.00GHz | $399.95* | 3727 | 9.32 | 1049 | 2.62 | 55 | 67 | Nov 2009 | PGA988B | Laptop |
| Intel Xeon L5430 @ 2.66GHz | $157.95* | 3721 | 23.56 | 1115 | 7.06 | 50 | 74 | Feb 2014 | LGA771 | Server |
| AMD A12-9700P | NA | 3719 | NA | 1312 | NA | 15 | 247 | Aug 2016 | FP4 | Laptop |
| Intel Core i5-750 @ 2.67GHz | $206.56* | 3718 | 18.00 | 1145 | 5.55 | 95 | 39 | Sep 2009 | LGA1156 | Desktop |
| Intel Core i3-2105 @ 3.10GHz | $114.99* | 3716 | 32.32 | 1577 | 13.72 | 65 | 57 | Jul 2011 | LGA1155 | Desktop |
| Intel Xeon L5506 @ 2.13GHz | $224.00* | 3715 | 16.59 | NA | NA | 60 | 61 | Feb 2011 | LGA1366 | Server |
| Intel Pentium G3470 @ 3.60GHz | $104.29* | 3714 | 35.62 | 2131 | 20.44 | 53 | 70 | May 2015 | LGA1150 | Desktop |
| AMD A10-6700T APU | $147.61* | 3711 | 25.15 | 1204 | 8.16 | 45 | 82 | Jun 2014 | FM2 | Desktop |
| Intel Core i3-3220T @ 2.80GHz | $135.00 | 3698 | 27.40 | 1489 | 11.03 | 35 | 105 | Sep 2012 | LGA1155 | Desktop |
| AMD Phenom II X4 B50 | NA | 3696 | NA | 1094 | NA | NA | NA | Jun 2009 | AM2+/AM3 | Desktop |
| Intel Pentium G3450 @ 3.40GHz | $99.99* | 3696 | 36.97 | 2004 | 20.05 | 53 | 69 | Jul 2014 | FCLGA1150 | Desktop |
| Intel Core i3-2100 @ 3.10GHz | $48.24 | 3693 | 76.56 | 1584 | 32.84 | 65 | 56 | Jan 2011 | LGA1155 | Desktop |
| AMD A10-9620P | NA | 3677 | NA | 1290 | NA | 15 | 245 | Aug 2017 | NA | Laptop |
| AMD Phenom II X4 B95 | $72.95* | 3676 | 50.40 | 1046 | 14.34 | 95 | 38 | Jan 2010 | AM3 | Desktop |
| Intel Core i5-7Y57 @ 1.20GHz | NA | 3676 | NA | 1337 | NA | 4.5 | 816 | Feb 2017 | FCBGA1515 | Laptop |
| Intel Core i7-4550U @ 1.50GHz | NA | 3676 | NA | 1506 | NA | 15 | 245 | Feb 2014 | BGA1168 | Laptop |
| Intel Core i3-5157U @ 2.50GHz | NA | 3670 | NA | 1384 | NA | 28 | 131 | Sep 2015 | FCBGA1168 | Laptop |
| Intel Core i3-3240T @ 2.90GHz | NA | 3666 | NA | 1504 | NA | 35 | 104 | Jan 2012 | LGA1155 | Desktop |
| AMD Opteron 4170 HE | $59.00* | 3664 | 62.11 | 731 | 12.41 | 65 | 56 | Dec 2010 | C32 | Server |
| Intel Core2 Extreme Q6800 @ 2.93GHz | $1,125.00* | 3655 | 3.25 | 1143 | 1.02 | 75 | 48 | Dec 2008 | LGA775 | Desktop |
| AMD Phenom II X4 945 | $68.11 | 3650 | 53.60 | 1036 | 15.22 | 125 | 29 | Apr 2009 | AM3 | Desktop |
| Intel Core i5-3437U @ 1.90GHz | NA | 3624 | NA | 1435 | NA | 17 | 213 | Jan 2013 | BGA1023 | Laptop |
| Intel Core2 Extreme Q6850 @ 3.00GHz | $1,495.95* | 3624 | 2.42 | 1157 | 0.77 | 130 | 27 | Nov 2008 | LGA775 | Desktop |
| AMD Phenom FX-7750 Quad-Core | NA | 3616 | NA | NA | NA | 95 | 38 | Feb 2012 | AM2+ | Unknown |
| Intel Core i3-3250T @ 3.00GHz | NA | 3614 | NA | 1644 | NA | 35 | 103 | Mar 2016 | FCLGA1155 | Desktop |
| Intel Core i5-4350U @ 1.40GHz | NA | 3610 | NA | 1522 | NA | 15 | 240 | Jan 2013 | BGA1168 | Laptop |
| AMD A10-7400P | NA | 3606 | NA | 1111 | NA | 35 | 103 | Dec 2014 | FP3 | Laptop |
| Intel Xeon E3-1220L @ 2.20GHz | NA | 3606 | NA | 1611 | NA | 20 | 180 | May 2011 | LGA1155 | Server |
| Intel Core i3-6100U @ 2.30GHz | $515.00* | 3603 | 7.00 | 1301 | 2.53 | 15 | 240 | Oct 2015 | FCBGA1356 | Laptop |
| Intel Core i5-5250U @ 1.60GHz | $441.89* | 3600 | 8.15 | 1421 | 3.22 | 15 | 240 | Jan 2015 | FCBGA1168 | Laptop |
| AMD Phenom II X4 840T | $69.99* | 3596 | 51.39 | 1038 | 14.84 | 95 | 37 | Nov 2010 | AM2+/AM3 | Unknown |
| Intel Core i5-2520M @ 2.50GHz | $169.60* | 3593 | 21.19 | 1491 | 8.79 | 35 | 102 | Mar 2011 | PGA988B | Laptop |
| Intel Xeon E5-2603 @ 1.80GHz | $47.85* | 3591 | 75.05 | 943 | 19.73 | 80 | 44 | Jan 2012 | LGA 2011 | Server |
| Intel Xeon E5-2403 v2 @ 1.80GHz | $22.20* | 3590 | 161.73 | 827 | 37.25 | 80 | 44 | Apr 2015 | FCLGA1356 | Server |
| AMD Phenom II X4 940 | $59.34* | 3587 | 60.45 | 1024 | 17.26 | 125 | 28 | Jan 2009 | AM2+ | Desktop |
| Intel Pentium G3460 @ 3.50GHz | $288.20* | 3587 | 12.45 | 2022 | 7.02 | 53 | 67 | Sep 2014 | LGA1150 | Desktop |
| Intel Core i5-4260U @ 1.40GHz | NA | 3584 | NA | 1521 | NA | 15 | 238 | May 2014 | FCBGA1168 | Laptop |

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## 🏠 CPU Benchmarks ▼

| CPU Name | Price | CPU Mark | CPU Value | Thread Mark | Thread Value | TDP (W) | Power Perf. | Test Date | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD Athlon II X4 651 Quad Core | $49.94* | 3576 | 26.06 | 1086 | 6.52 | 100 | 35 | Feb 2012 | FM1 | Unknown |
| Intel Core i5-3427U @ 1.80GHz | $420.05* | 3551 | 8.46 | 1404 | 3.34 | 17 | 208 | Jun 2012 | BGA1023 | Laptop |
| AMD Phenom II X4 850 | $64.99* | 3549 | 54.62 | 1116 | 17.19 | 95 | 37 | Jul 2011 | AM2+/AM3 | Unknown |
| Intel Core i5-5350U @ 1.80GHz | NA | 3542 | NA | 1373 | NA | 15 | 236 | Jun 2015 | FCBGA1168 | Laptop |
| Intel Core i5-7Y54 @ 1.20GHz | NA | 3540 | NA | 1359 | NA | 4.5 | 786 | Oct 2016 | FCBGA1515 | Laptop |
| Intel Core i7-3517U @ 1.90GHz | NA | 3539 | NA | 1386 | NA | 17 | 208 | Jun 2012 | BGA1023 | Laptop |
| AMD Opteron 2384 | $840.00* | 3538 | 4.21 | 972 | 1.16 | 75 | 47 | Jul 2009 | F (1207) | Server |
| AMD Opteron 2386 SE | NA | 3538 | NA | NA | NA | 105 | 33 | Mar 2009 | F (1207) | Server |
| AMD A8-3870K APU | $149.67* | 3536 | 23.63 | 1024 | 6.85 | 100 | 35 | Dec 2011 | FM1 | Desktop |
| Intel Core i3-7020U @ 2.30GHz | $281.00* | 3536 | 12.59 | 1287 | 4.58 | 15 | 235 | May 2018 | FCBGA1356 | Laptop |
| Intel Pentium G4400 @ 3.30GHz | $79.50 | 3531 | 44.43 | 1874 | 23.58 | 54 | 65 | Oct 2015 | FCLGA1151 | Desktop |
| AMD PRO A10-8700B | NA | 3524 | NA | 1244 | NA | 15 | 234 | Nov 2015 | BGA (FP4) | Laptop |
| Intel Xeon X5365 @ 3.00GHz | $77.99* | 3524 | 45.19 | 1170 | 15.01 | 150 | 23 | Mar 2009 | LGA771 | Server |
| Intel Xeon E5-2403 @ 1.80GHz | $47.75* | 3523 | 73.80 | 880 | 18.44 | 80 | 44 | Jan 2012 | LGA 1356 | Server |
| AMD PRO A8-8600B | NA | 3518 | NA | 1233 | NA | 15 | 234 | Nov 2015 | BGA (FP4) | Laptop |
| Intel Core2 Quad Q9505 @ 2.83GHz | $190.00* | 3518 | 18.52 | 1182 | 6.22 | 95 | 37 | Nov 2009 | LGA775 | Desktop |
| Intel Core m3-7Y30 @ 1.00GHz | NA | 3515 | NA | 1265 | NA | 4.5 | 781 | Oct 2016 | FCBGA1515 | Laptop |
| Intel Core i5-680 @ 3.60GHz | $89.99* | 3513 | 39.04 | 1551 | 17.24 | 73 | 48 | May 2010 | LGA1156 | Desktop |
| Intel Core2 Quad Q9500 @ 2.83GHz | $34.99* | 3510 | 100.32 | 1190 | 34.03 | 95 | 36 | May 2010 | LGA775 | Desktop |
| AMD Phenom II X4 840 | $89.95* | 3508 | 39.00 | 1099 | 12.22 | 95 | 36 | Feb 2011 | AM2+/AM3 | Desktop |
| Intel Celeron G4930 @ 3.20GHz | $64.95 | 3503 | 53.95 | 1874 | 28.86 | 54 | 64 | Sep 2019 | FCLGA1151-2 | Desktop |
| Intel Xeon L5420 @ 2.50GHz | $27.50* | 3501 | 127.34 | 1050 | 38.18 | 50 | 70 | Feb 2009 | LGA771 | Server |
| Intel Core i5-5200U @ 2.20GHz | $281.00* | 3498 | 12.45 | 1397 | 4.97 | 15 | 233 | Dec 2014 | FCBGA1168 | Laptop |
| AMD Phenom II 42 TWKR Black Edition | NA | 3489 | NA | NA | NA | NA | NA | Feb 2010 | NA | Unknown |
| Intel Core i5-2510E @ 2.50GHz | NA | 3483 | NA | 1463 | NA | 35 | 99 | Jun 2011 | PGA988B | Laptop |
| AMD Athlon II X4 650 | $166.60* | 3482 | 20.90 | 1063 | 6.38 | 95 | 36 | Aug 2011 | NA | Unknown |
| Intel Xeon E5420 @ 2.50GHz | $62.95* | 3476 | 55.22 | 1064 | 16.91 | 80 | 43 | Feb 2009 | LGA771 | Server |
| AMD Phenom II X4 B45 | NA | 3473 | NA | 1044 | NA | NA | NA | Sep 2009 | NA | Unknown |
| Intel Pentium G4500T @ 3.00GHz | NA | 3471 | NA | 1724 | NA | 35 | 99 | Mar 2016 | FCLGA1151 | Desktop |
| Intel Core m7-6Y75 @ 1.20GHz | NA | 3467 | NA | 1364 | NA | 7 | 495 | Nov 2015 | FCBGA1515 | Laptop |
| AMD Athlon II X4 645 | $79.95 | 3465 | 43.35 | 1070 | 13.39 | 95 | 36 | Oct 2010 | AM3 | Desktop |
| AMD A8-3850 APU | $105.68* | 3458 | 32.73 | 994 | 9.41 | 100 | 34 | Jun 2011 | FM1 | Desktop |
| Intel Core2 Extreme Q9300 @ 2.53GHz | NA | 3457 | NA | 1037 | NA | 45 | 76 | Dec 2008 | PGA478 | Desktop |
| Quad-Core AMD Opteron 1389 | NA | 3446 | NA | 1000 | NA | 75 | 45 | Feb 2014 | AM2 | Server |
| Quad-Core AMD Opteron 1385 | $54.00* | 3442 | 63.75 | 953 | 17.66 | 115 | 29 | Aug 2014 | AM2+,AM3 | Server |
| Intel Core i3-4100M @ 2.50GHz | $218.57* | 3439 | 15.74 | 1350 | 6.18 | 37 | 92 | Oct 2014 | FCPGA946 | Laptop |
| AMD A10-8700P | NA | 3437 | NA | 1219 | NA | 35 | 98 | Jul 2015 | FP4 | Laptop |
| AMD Phenom II X4 830 | $79.95* | 3434 | 42.95 | 949 | 11.87 | 95 | 36 | Jul 2010 | AM2+/AM3 | Unknown |
| Intel Core2 Extreme Q9200 @ 2.40GHz | NA | 3415 | NA | 1069 | NA | NA | NA | Nov 2019 | NA | Desktop |
| AMD Phenom II X4 925 | $43.99* | 3411 | 77.55 | 970 | 22.06 | 95 | 35 | Mar 2009 | AM3 | Desktop |
| Intel Core i7-840QM @ 1.87GHz | $289.97* | 3410 | 11.76 | 1019 | 3.52 | 45 | 75 | Jul 2010 | PGA988A | Laptop |
| Intel Core i5-4210U @ 1.70GHz | NA | 3404 | NA | 1431 | NA | 15 | 226 | Jun 2014 | FCBGA1168 | Laptop |
| Intel Core i5-2450M @ 2.50GHz | $73.30* | 3401 | 46.41 | 1399 | 19.09 | 35 | 97 | Dec 2011 | BGA1023 | Laptop |
| Intel Pentium G3430 @ 3.30GHz | $89.99* | 3395 | 37.74 | 1865 | 20.73 | 54 | 62 | Oct 2013 | FCLGA1150 | Desktop |
| Intel Pentium G3420 @ 3.20GHz | $65.00 | 3393 | 52.21 | 1871 | 28.79 | 54 | 62 | Sep 2013 | FCLGA1150 | Desktop |
| AMD Phenom II X4 820 | $74.95 | 3392 | 45.27 | 977 | 13.04 | 95 | 35 | Nov 2009 | AM3 | Desktop |
| Intel Core m3-7Y32 @ 1.10GHz | NA | 3391 | NA | 1161 | NA | 4.5 | 753 | Jul 2017 | FCBGA1515 | Laptop |
| Intel Xeon X3230 @ 2.66GHz | $71.50* | 3391 | 47.44 | 1036 | 14.50 | 95 | 35 | Jun 2009 | LGA775 | Server |
| AMD Phenom II X4 920 | $79.99* | 3389 | 42.38 | 964 | 12.05 | 125 | 27 | Jan 2009 | AM2+ | Desktop |

## ⌂ CPU Benchmarks ▼

| CPU Name | Price | CPU Mark | CPU Value | Thread Mark | Thread Value | TDP (W) | Power Perf. | Test Date | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Core i5-3150M @ 2.50GHz | NA | 3388 | NA | 1511 | NA | 35 | 95 | Jan 2013 | BGA1023 | Laptop |
| ⊞ AMD Phenom II X4 B35 | NA | 3387 | NA | 995 | NA | NA | NA | Nov 2009 | AM2+/AM3 | Desktop |
| ⊞ Intel Pentium G2140 @ 3.30GHz | $81.56 | 3377 | 41.54 | 1816 | 22.28 | 55 | 61 | Jan 2014 | LGA1155 | Desktop |
| ⊞ Intel Core i5-4250U @ 1.30GHz | $359.00* | 3373 | 9.40 | 1411 | 3.93 | 15 | 224 | Jan 2013 | BGA1168 | Laptop |
| ⊞ Intel Xeon E5607 @ 2.27GHz | $69.21* | 3371 | 48.71 | 951 | 13.75 | 80 | 42 | Apr 2011 | LGA1366 | Server |
| ⊞ Intel Xeon L5410 @ 2.33GHz | $100.08* | 3358 | 33.56 | 1016 | 10.15 | 50 | 67 | Mar 2009 | LGA771 | Server |
| ⊞ Intel Pentium G3260 @ 3.30GHz | $139.99* | 3357 | 23.98 | 1917 | 13.70 | 53 | 63 | May 2015 | LGA1150 | Desktop |
| ⊞ Intel Core i5-655K @ 3.20GHz | $59.99* | 3353 | 55.90 | 1435 | 23.92 | 73 | 45 | Jun 2010 | LGA1156 | Desktop |
| ⊞ AMD Phenom II X4 B40 | NA | 3352 | NA | 1032 | NA | NA | NA | Feb 2010 | NA | Desktop |
| ⊞ AMD Phenom II X4 B93 | NA | 3345 | NA | 972 | NA | 95 | 35 | Dec 2010 | AM3 | Desktop |
| ⊞ Intel Atom C2750 @ 2.41GHz | NA | 3344 | NA | 447 | NA | 20 | 167 | Jun 2015 | BGA 1283 | Server |
| ⊞ AMD A10-5750M APU | NA | 3343 | NA | 1109 | NA | 35 | 95 | May 2013 | FS1r2 | Laptop |
| ⊞ AMD Athlon II X4 641 Quad-Core | $91.50* | 3343 | 36.54 | 974 | 10.65 | 100 | 33 | Mar 2012 | FM1 | Desktop |
| ⊞ Intel Core m5-6Y54 @ 1.10GHz | NA | 3340 | NA | 1301 | NA | 7 | 477 | Dec 2015 | FCBGA1515 | Laptop |
| ⊞ Intel Xeon X3330 @ 2.66GHz | $210.00* | 3340 | 15.91 | 1148 | 5.47 | 95 | 35 | Apr 2010 | LGA775 | Server |
| ⊞ Intel Xeon X3430 @ 2.40GHz | $31.99* | 3339 | 104.38 | 981 | 30.67 | 95 | 35 | Nov 2009 | LGA1156 | Server |
| ⊞ AMD A8-7200P | NA | 3338 | NA | 1003 | NA | 35 | 95 | Jul 2015 | FP3 | Laptop |
| ⊞ Intel Core2 Quad Q9400 @ 2.66GHz | $48.03* | 3336 | 69.47 | 1127 | 23.47 | 95 | 35 | Nov 2008 | LGA775 | Desktop |
| ⊞ Intel Pentium G3440 @ 3.30GHz | $159.94* | 3324 | 20.79 | 1897 | 11.86 | 53 | 62 | Jul 2014 | LGA1150 | Desktop |
| ⊞ AMD Athlon II X4 640 | $79.95 | 3313 | 41.45 | 1024 | 12.82 | 95 | 34 | Jun 2010 | AM3 | Desktop |
| ⊞ Intel Core i5-2515E @ 2.50GHz | NA | 3313 | NA | 1320 | NA | 35 | 94 | Dec 2011 | BGA1023 | Desktop |
| ⊞ Intel Core i5-670 @ 3.47GHz | $279.00* | 3309 | 11.86 | 1406 | 5.04 | 73 | 45 | Jan 2010 | LGA1156 | Desktop |
| ⊞ Intel Xeon X3320 @ 2.50GHz | $229.50* | 3306 | 14.41 | 1072 | 4.67 | 95 | 34 | Oct 2009 | LGA775 | Server |
| ⊞ Intel Core i5-2415M @ 2.30GHz | NA | 3303 | NA | 1371 | NA | 35 | 94 | Feb 2011 | BGA1023 | Desktop |
| ⊞ AMD Phenom II X4 B25 | NA | 3297 | NA | 921 | NA | NA | NA | Nov 2009 | AM2+/AM3 | Desktop |
| ⊞ Intel Celeron G4900 @ 3.10GHz | $79.99* | 3293 | 41.17 | 1793 | 22.43 | 54 | 60 | Jun 2018 | FCLGA1151-2 | Desktop |
| ⊞ Intel Core i5-2430M @ 2.40GHz | $89.02* | 3287 | 36.93 | 1362 | 15.31 | 35 | 93 | Sep 2011 | PGA988B | Laptop |
| ⊞ Intel Core i5-4200U @ 1.60GHz | NA | 3282 | NA | 1370 | NA | 15 | 218 | Jan 2013 | BGA1168 | Laptop |
| ⊞ Intel Core2 Quad Q6700 @ 2.66GHz | $44.99* | 3277 | 72.85 | 1031 | 22.92 | 105 | 31 | Nov 2008 | LGA775 | Desktop |
| ⊞ AMD A8-6500T APU | NA | 3276 | NA | 1067 | NA | 45 | 72 | Mar 2014 | FM2 | Desktop |
| ⊞ Intel Core i3-7102E @ 2.10GHz | $225.00* | 3266 | 14.52 | 1206 | 5.36 | 25 | 130 | Jun 2019 | FCBGA1440 | Laptop |
| ⊞ Intel Xeon E5410 @ 2.33GHz | $208.95* | 3261 | 15.61 | 997 | 4.77 | 80 | 40 | Mar 2009 | LGA771 | Server |
| ⊞ AMD Opteron 3260 HE | NA | 3259 | NA | 850 | NA | 45 | 72 | Nov 2012 | AM3+ | Server |
| ⊞ Intel Core i3-4000M @ 2.40GHz | $199.95* | 3259 | 16.30 | 1334 | 6.67 | 37 | 88 | Sep 2013 | FCPGA946 | Laptop |
| ⊞ Intel Celeron G4920 @ 3.20GHz | $68.08 | 3255 | 47.82 | 1818 | 26.72 | 54 | 60 | Aug 2018 | FCLGA1151-2 | Desktop |
| ⊞ AMD Phenom II X4 910e | $156.99* | 3254 | 20.73 | 915 | 5.83 | 65 | 50 | May 2010 | AM3 | Desktop |
| ⊞ AMD A8-8600P | NA | 3248 | NA | 1132 | NA | 15 | 216 | Aug 2015 | FP4 | Laptop |
| ⊞ AMD Phenom II X4 910 | $100.00* | 3246 | 32.46 | 906 | 9.06 | 95 | 34 | Mar 2009 | AM3 | Desktop |
| ⊞ Intel Core i5-660 @ 3.33GHz | $31.25* | 3246 | 103.88 | 1392 | 44.56 | 73 | 44 | Dec 2009 | LGA1156 | Desktop |
| ⊞ Intel Core i5-2435M @ 2.40GHz | NA | 3245 | NA | 1340 | NA | 35 | 92 | Nov 2011 | BGA1023 | Laptop |
| ⊞ Intel Core2 Quad Q9100 @ 2.26GHz | $385.89* | 3242 | 8.40 | 963 | 2.50 | 45 | 72 | Apr 2009 | PGA478 | Laptop |
| ⊞ Intel Pentium G3250 @ 3.20GHz | $232.84* | 3242 | 13.93 | 1858 | 7.98 | 53 | 61 | Sep 2014 | LGA1150 | Desktop |
| ⊞ Intel Core m5-6Y57 @ 1.10GHz | NA | 3234 | NA | 1286 | NA | 7 | 462 | Dec 2015 | FCBGA1515 | Laptop |
| ⊞ AMD Athlon II X4 635 | $69.95 | 3230 | 46.19 | 988 | 14.13 | 95 | 34 | Feb 2010 | AM3 | Desktop |
| ⊞ Intel Core i7-2655LE @ 2.20GHz | NA | 3229 | NA | 1369 | NA | 25 | 129 | Apr 2011 | BGA1023 | Desktop |
| ⊞ Intel Core i5-3337U @ 1.80GHz | $225.00* | 3228 | 14.35 | 1273 | 5.66 | 17 | 189 | Jan 2013 | BGA1023 | Laptop |
| ⊞ Intel Core i3-3120M @ 2.50GHz | $110.00* | 3227 | 29.34 | 1285 | 11.68 | 35 | 92 | Jan 2012 | PGA988 | Laptop |
| ⊞ Intel Core i7-3689Y @ 1.50GHz | NA | 3220 | NA | 1240 | NA | 13 | 247 | Jan 2013 | FCBGA1023 | Laptop |
| ⊞ Intel Core i7-820QM @ 1.73GHz | $239.95* | 3217 | 13.41 | 970 | 4.05 | 45 | 71 | Oct 2009 | PGA988A | Laptop |
| ⊞ AMD FX-7500 APU | NA | 3206 | NA | 1090 | NA | 19 | 168 | Oct 2014 | FP3 | Laptop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Core i5-4590TE @ 2.40GHz | NA | 3201 | NA | 1677 | NA | 35 | 91 | Jan 2014 | LGA1150 | Desktop |
| AMD Athlon II X4 638 Quad-Core | $26.49* | 3198 | 120.73 | 923 | 34.87 | 65 | 49 | Apr 2015 | FM1 | Desktop |
| Intel Core i3-5020U @ 2.20GHz | $459.00* | 3198 | 6.97 | 1215 | 2.65 | 15 | 213 | Sep 2015 | FCBGA1168 | Laptop |
| Intel Core i3-6102E @ 1.90GHz | $225.00* | 3196 | 14.20 | 1116 | 4.96 | 25 | 127 | Aug 2019 | FCBGA1440 | Laptop |
| Intel Pentium G2130 @ 3.20GHz | $49.99* | 3195 | 63.93 | 1710 | 34.22 | 55 | 58 | Feb 2013 | FCLGA1155 | Desktop |
| Intel Core i5-661 @ 3.33GHz | $229.99* | 3194 | 13.89 | 1341 | 5.83 | 87 | 36 | Jan 2010 | LGA1156 | Desktop |
| Intel Pentium 4417U @ 2.30GHz | $161.00* | 3190 | 19.82 | 1312 | 8.15 | 15 | 212 | Mar 2019 | FCBGA1356 | Laptop |
| Intel Core i7-740QM @ 1.73GHz | $159.95* | 3188 | 19.93 | 916 | 5.73 | 45 | 70 | Jun 2010 | PGA988A | Laptop |
| AMD Opteron 2378 | $179.00* | 3179 | 17.76 | 847 | 4.73 | 75 | 42 | Mar 2009 | F (1207) | Server |
| Intel Xeon X3323 @ 2.50GHz | $19.36* | 3177 | 164.14 | 1059 | 54.72 | 80 | 39 | Jun 2014 | LGA775 | Server |
| Intel Core i5-2410M @ 2.30GHz | $72.00* | 3173 | 44.07 | 1324 | 18.40 | 35 | 90 | Dec 2010 | FCBGA1023, PPG | Laptop |
| AMD Athlon X4 640 | NA | 3172 | NA | 998 | NA | 95 | 33 | Sep 2010 | NA | Unknown |
| Intel Pentium 5405U @ 2.30GHz | $161.00* | 3172 | 19.70 | 1339 | 8.32 | 15 | 211 | Apr 2019 | FCBGA1528 | Laptop |
| Intel Pentium G4400T @ 2.90GHz | NA | 3168 | NA | 1649 | NA | 35 | 90 | Oct 2015 | FCLGA1151 | Desktop |
| AMD Opteron 4162 EE | NA | 3166 | NA | 587 | NA | 35 | 90 | Jan 2015 | F (1207) | Server |
| Intel Xeon X5355 @ 2.66GHz | $309.95* | 3165 | 10.21 | 1007 | 3.25 | 120 | 26 | Mar 2009 | LGA771 | Server |
| AMD A6-3670 APU | $610.00* | 3164 | 5.19 | 930 | 1.53 | 100 | 31 | Jan 2012 | FM1 | Desktop |
| Intel Atom C2758 @ 2.40GHz | $214.86* | 3162 | 14.72 | 512 | 2.39 | 20 | 158 | Jul 2015 | BGA 1283 | Laptop |
| Intel Core2 Quad Q8400 @ 2.66GHz | $239.95* | 3162 | 13.18 | 1120 | 4.67 | 95 | 33 | May 2009 | LGA775 | Desktop |
| AMD Phenom 9850B Quad-Core | NA | 3160 | NA | 908 | NA | 95 | 33 | May 2010 | NA | Unknown |
| Intel Core i3-2120T @ 2.60GHz | $24.99 | 3157 | 126.36 | 1308 | 52.35 | 35 | 90 | Sep 2011 | LGA1155 | Desktop |
| Intel Pentium G3240 @ 3.10GHz | $49.99 | 3155 | 63.11 | 1786 | 35.73 | 53 | 59 | May 2014 | FCLGA1150 | Desktop |
| AMD A10 PRO-7350B APU | NA | 3152 | NA | 1012 | NA | 19 | 165 | Jun 2014 | FP3 | Laptop |
| Intel Core2 Quad Q9300 @ 2.50GHz | $199.50* | 3152 | 15.80 | 1060 | 5.32 | 95 | 33 | Nov 2008 | LGA775 | Desktop |
| Intel Core i7-3517UE @ 1.70GHz | NA | 3150 | NA | 1239 | NA | 17 | 185 | Jun 2012 | BGA1023 | Laptop |
| Intel Pentium 4415U @ 2.30GHz | NA | 3149 | NA | 1291 | NA | 15 | 209 | Mar 2017 | BGA1356 | Laptop |
| AMD Athlon II X4 631 Quad-Core | $80.00* | 3145 | 39.31 | 903 | 11.29 | 100 | 31 | Sep 2011 | FM1 | Desktop |
| AMD A6-3650 APU | $31.99* | 3141 | 98.19 | 899 | 28.12 | 100 | 31 | Jul 2011 | FM1 | Desktop |
| AMD Athlon II X4 630 | $62.95 | 3130 | 49.73 | 956 | 15.20 | 95 | 32 | Aug 2009 | AM3 | Desktop |
| Intel Celeron G3920 @ 2.90GHz | $113.99* | 3129 | 27.45 | 1609 | 14.12 | 51 | 61 | Jun 2016 | FCLGA1151 | Desktop |
| Intel Celeron G3900 @ 2.80GHz | $53.25 | 3125 | 58.70 | 1678 | 31.51 | 51 | 61 | Feb 2016 | FCLGA1151 | Desktop |
| Intel Pentium G3220 @ 3.00GHz | $95.93 | 3125 | 32.58 | 1741 | 18.16 | 54 | 57 | Sep 2013 | FCLGA1150 | Desktop |
| Intel Xeon E5507 @ 2.27GHz | $456.91* | 3125 | 6.84 | 954 | 2.09 | 80 | 39 | Jun 2010 | LGA1366 | Server |
| AMD Phenom II X4 810 | $115.99* | 3120 | 26.90 | 905 | 7.80 | 95 | 32 | Feb 2009 | AM3 | Desktop |
| Intel Xeon E7- 2830 @ 2.13GHz | $1,779.00* | 3118 | 1.75 | 859 | 0.48 | 105 | 29 | Jan 2018 | LGA1567 | Server |
| AMD A10-4600M APU | $109.95* | 3117 | 28.35 | 1005 | 9.15 | 35 | 89 | Apr 2012 | FS1r2 | Laptop |
| AMD R-464L APU | NA | 3117 | NA | 1056 | NA | 35 | 89 | Aug 2012 | FS1r2 | Unknown |
| AMD A8-3820 APU | $124.99* | 3102 | 24.82 | 876 | 7.02 | 65 | 47 | Jan 2012 | FM1 | Desktop |
| Intel Pentium G3440T @ 2.80GHz | NA | 3101 | NA | 1660 | NA | 35 | 88 | Nov 2014 | LGA1150 | Desktop |
| AMD A6-7480 | $43.99* | 3096 | 70.38 | 1783 | 40.54 | 65 | 47 | Apr 2019 | FM2+ | Desktop |
| Intel Core i5-650 @ 3.20GHz | $84.98 | 3092 | 36.39 | 1323 | 15.58 | 73 | 42 | Jan 2010 | LGA1156 | Desktop |
| Intel Core i5-3317U @ 1.70GHz | $225.00* | 3091 | 13.74 | 1216 | 5.40 | 17 | 181 | Jun 2012 | BGA1023 | Laptop |
| Intel Xeon X3220 @ 2.40GHz | $60.15* | 3089 | 51.36 | 931 | 15.49 | 105 | 29 | Apr 2009 | LGA775 | Server |
| AMD PRO A6-8570 | NA | 3088 | NA | 1802 | NA | 65 | 47 | Jan 2017 | AM4 | Desktop |
| Intel Celeron G4900T @ 2.90GHz | $42.00* | 3088 | 73.54 | 1675 | 39.90 | 35 | 88 | Mar 2018 | FCLGA1151-2 | Desktop |
| AMD A10-5757M APU | NA | 3084 | NA | 1063 | NA | 35 | 88 | Jul 2013 | FP2 | Laptop |
| Intel Core i3-3110M @ 2.40GHz | $79.95* | 3083 | 38.57 | 1230 | 15.40 | 35 | 88 | Jul 2012 | BGA1023 | Laptop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD Phenom II X4 960T | $35.95* | 3080 | 37.33 | 878 | 10.25 | 95 | 47 | Jun 2009 | AM3 | Desktop |
| Intel Pentium G2120 @ 3.10GHz | $159.55* | 3079 | 19.30 | 1649 | 10.34 | 55 | 55 | Oct 2012 | FCLGA1155 | Desktop |
| Intel Core i3-6006U @ 2.00GHz | NA | 3075 | NA | 1115 | NA | 15 | 205 | Dec 2016 | FCBGA1356 | Laptop |
| Intel Core i3-2330E @ 2.20GHz | NA | 3073 | NA | 1154 | NA | 35 | 87 | Apr 2014 | rPGA988 | Desktop |
| AMD Opteron 2427 | $65.00 | 3069 | 47.22 | 593 | 9.13 | 75 | 40 | Jul 2011 | F (1207) | Server |
| AMD Phenom II X3 B77 | $22.29* | 3067 | 137.64 | 1126 | 50.53 | 95 | 32 | Apr 2012 | AM2+/AM3 | Unknown |
| AMD Opteron 1381 | NA | 3065 | NA | 914 | NA | 75 | 40 | Apr 2012 | AM3 | Server |
| Intel Core i3-5010U @ 2.10GHz | $337.76* | 3060 | 9.06 | 1161 | 3.44 | 15 | 204 | Jan 2015 | FCBGA1168 | Laptop |
| AMD Opteron X2170 APU | NA | 3059 | NA | 923 | NA | 25 | 122 | Sep 2018 | FT3 | Server |
| Intel Xeon E5606 @ 2.13GHz | $167.00* | 3054 | 18.29 | 869 | 5.21 | 80 | 38 | May 2011 | LGA1366 | Server |
| Intel Core i3-4120U @ 2.00GHz | NA | 3050 | NA | 1195 | NA | 15 | 203 | May 2016 | FCBGA1168 | Laptop |
| Intel Celeron G3950 @ 3.00GHz | $109.04* | 3049 | 27.97 | 1610 | 14.77 | 51 | 59 | Mar 2017 | FCLGA1151 | Desktop |
| Intel Celeron G3930 @ 2.90GHz | $89.59* | 3040 | 33.94 | 1654 | 18.46 | 51 | 59 | Feb 2017 | FCLGA1151 | Desktop |
| AMD A6-8550 | NA | 3032 | NA | 1691 | NA | 65 | 46 | Nov 2015 | FM2+ | Desktop |
| AMD A6-9500 | $55.85 | 3032 | 54.29 | 1769 | 31.68 | 65 | 46 | Dec 2016 | AM4 | Desktop |
| Intel Core m3-6Y30 @ 0.90GHz | $281.00* | 3025 | 10.77 | 1166 | 4.15 | 4.5 | 672 | Oct 2015 | FCBGA1515 | Laptop |
| Intel Pentium 1403 v2 @ 2.60GHz | NA | 3018 | NA | 1421 | NA | 80 | 37 | Sep 2018 | NA | Server |
| Intel Xeon L5408 @ 2.13GHz | NA | 3014 | NA | 925 | NA | 40 | 75 | May 2014 | LGA771 | Server |
| AMD Phenom 9950 Quad-Core | $134.99* | 3009 | 22.30 | 890 | 6.60 | 125 | 24 | Nov 2008 | AM2+ | Desktop |
| Intel Pentium G3420T @ 2.70GHz | $159.99* | 3008 | 18.80 | 1606 | 10.04 | 35 | 85 | Sep 2014 | LGA1150 | Desktop |
| Intel Core i7-720QM @ 1.60GHz | $365.95* | 3007 | 8.22 | 873 | 2.39 | 45 | 66 | Oct 2009 | PGA988A | Laptop |
| AMD A8-3800 APU | $56.99* | 3006 | 52.75 | 854 | 14.99 | 65 | 46 | Sep 2011 | FM1 | Desktop |
| AMD Phenom 2 X4 12000 | NA | 3005 | NA | NA | NA | NA | NA | Feb 2010 | NA | Unknown |
| AMD A8-5550M APU | NA | 3000 | NA | 988 | NA | 35 | 85 | Jul 2013 | FS1r2 | Laptop |
| AMD Athlon II X4 655 | NA | 2998 | NA | 1128 | NA | 95 | 31 | Jan 2014 | AM2+ (940-pin) | Unknown |
| AMD Phenom II X4 805 | $173.99* | 2998 | 17.23 | 870 | 5.00 | 95 | 31 | Apr 2009 | AM3 | Desktop |
| Intel Core M-5Y71 @ 1.20GHz | $281.00* | 2994 | 10.66 | 1245 | 4.43 | 4.5 | 665 | Jan 2015 | FCBGA1234 | Laptop |
| AMD Phenom 7950 Quad-Core | NA | 2991 | NA | NA | NA | NA | NA | Dec 2008 | NA | Unknown |
| AMD Phenom II X3 740 | $88.99* | 2985 | 33.55 | 1075 | 12.09 | 95 | 31 | Jul 2010 | NA | Unknown |
| Intel Core i3-2100T @ 2.50GHz | $59.99* | 2980 | 49.68 | 1250 | 20.85 | 35 | 85 | Feb 2011 | LGA1155 | Desktop |
| Intel Core2 Quad Q8300 @ 2.50GHz | $49.99* | 2979 | 59.60 | 1056 | 21.14 | 95 | 31 | Feb 2009 | LGA775 | Desktop |
| Intel Core i3-5015U @ 2.10GHz | NA | 2977 | NA | 1098 | NA | 15 | 198 | Jul 2015 | FCBGA1168 | Laptop |
| Intel Xeon X6550 @ 2.00GHz | NA | 2977 | NA | 600 | NA | 130 | 22 | Dec 2013 | LGA1567 | Server |
| Intel Xeon E5506 @ 2.13GHz | $63.01* | 2975 | 47.22 | 894 | 14.20 | 80 | 37 | Apr 2009 | LGA1366 | Server |
| Intel Core i5-4302Y @ 1.60GHz | NA | 2971 | NA | 1214 | NA | 11.5 | 258 | Jan 2014 | FCBGA1168 | Desktop |
| AMD PRO A6-8550B | NA | 2970 | NA | 1710 | NA | 65 | 45 | Jun 2016 | FM2+ | Desktop |
| Intel Celeron G3930TE @ 2.70GHz | $42.00* | 2970 | 70.72 | 1548 | 36.86 | 35 | 84 | Aug 2019 | FCLGA1151 | Desktop |
| Intel Pentium G3250T @ 2.80GHz | $89.99* | 2969 | 33.00 | 1648 | 18.32 | 35 | 84 | Jan 2015 | LGA1150 | Desktop |
| Intel Pentium G3450T @ 2.90GHz | NA | 2967 | NA | 1166 | NA | 35 | 84 | Oct 2015 | LGA1150 | Desktop |
| AMD A8-5557M APU | NA | 2956 | NA | 1008 | NA | 35 | 84 | Jul 2013 | FP2 | Laptop |
| AMD Opteron 2374 HE | $65.00 | 2951 | 45.40 | NA | NA | 55 | 53 | Apr 2010 | F (1207) | Server |
| AMD PRO A6-9500 | $74.00* | 2950 | 39.88 | 1770 | 23.93 | 65 | 45 | Jan 2017 | AM4 | Desktop |
| AMD Phenom FX-5200 Quad-Core | NA | 2948 | NA | 805 | NA | 65 | 45 | Dec 2010 | AM3 | Unknown |
| Intel Core2 Quad Q6600 @ 2.40GHz | $39.98* | 2946 | 73.70 | 924 | 23.11 | 105 | 28 | Nov 2008 | LGA775 | Desktop |
| AMD Opteron 3250 HE | $99.00* | 2942 | 29.73 | 947 | 9.57 | 45 | 65 | May 2019 | AM3+ | Server |
| AMD Opteron 4122 | $124.99* | 2942 | 23.55 | NA | NA | 95 | 30 | Mar 2011 | C32 | Server |
| AMD Opteron 6134 | $43.99* | 2938 | 66.81 | NA | NA | 115 | 25 | Dec 2010 | G34 | Server |
| Intel Core i3-560 @ 3.33GHz | $179.95 | 2935 | 16.31 | 1352 | 7.51 | 73 | 40 | Sep 2010 | LGA1156 | Desktop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Core i5-3439Y @ 1.50GHz | NA | 2930 | NA | 1151 | NA | 13 | 225 | Jan 2013 | BGA1025 | Desktop |
| Intel Pentium 4405U @ 2.10GHz | NA | 2930 | NA | 1170 | NA | 15 | 195 | Dec 2015 | FCBGA1356 | Laptop |
| Intel Pentium G3260T @ 2.90GHz | $89.99* | 2930 | 32.56 | 1714 | 19.05 | 35 | 83 | Aug 2015 | LGA1150 | Desktop |
| AMD Athlon II X4 620 | $59.95 | 2928 | 48.85 | 905 | 15.10 | 95 | 30 | Sep 2009 | AM3 | Desktop |
| Intel Celeron G3900T @ 2.60GHz | $112.46* | 2925 | 26.01 | 1518 | 13.51 | 35 | 83 | Apr 2016 | NA | Desktop |
| Six-Core AMD Opteron 2419 EE | NA | 2925 | NA | 609 | NA | 60 | 48 | Aug 2014 | F (1207) | Server |
| AMD Athlon 5370 APU | $63.70* | 2915 | 45.77 | 872 | 13.70 | 25 | 116 | Apr 2016 | AM1,FS1B | Desktop |
| Intel Core i3-4158U @ 2.00GHz | NA | 2914 | NA | 1131 | NA | 28 | 104 | Dec 2014 | FCBGA1168 | Laptop |
| Intel Core M-5Y70 @ 1.10GHz | NA | 2912 | NA | 1193 | NA | 4.5 | 647 | Oct 2014 | BGA1234 | Laptop |
| Intel Celeron G1850 @ 2.90GHz | $79.99* | 2909 | 36.38 | 1680 | 21.01 | 54 | 53 | May 2014 | FCLGA1150 | Desktop |
| AMD A10-4657M APU | NA | 2906 | NA | 887 | NA | 35 | 83 | May 2013 | FP2 | Laptop |
| AMD Athlon II X4 620e | NA | 2906 | NA | NA | NA | 45 | 64 | Jan 2011 | AM3 | Desktop |
| Intel Core i7-2637M @ 1.70GHz | NA | 2904 | NA | 1205 | NA | 17 | 170 | Dec 2011 | BGA1023 | Laptop |
| Intel Core i3-5005U @ 2.00GHz | NA | 2903 | NA | 1092 | NA | 15 | 193 | Feb 2015 | FCBGA1168 | Laptop |
| Intel Pentium Silver J5005 @ 1.50GHz | $214.65 | 2903 | 13.53 | 1194 | 5.56 | 10 | 290 | Dec 2017 | FCBGA1090 | Desktop |
| Intel Core i3-4110U @ 1.90GHz | NA | 2902 | NA | 1136 | NA | NA | NA | Aug 2015 | NA | Laptop |
| Intel Core i5-4230U @ 1.90GHz | NA | 2902 | NA | 1645 | NA | 15 | 193 | Jan 2018 | FCBGA1364 | Laptop |
| AMD A10-7300 APU | NA | 2901 | NA | 960 | NA | 19 | 152 | Jul 2014 | FP3 | Laptop |
| AMD Athlon II X4 615e | $59.00* | 2899 | 49.15 | 867 | 14.71 | 45 | 64 | Dec 2010 | AM3 | Desktop |
| AMD Phenom X4 Quad-Core GP-9730 | NA | 2897 | NA | 876 | NA | NA | NA | Oct 2016 | AM2+ (940-pin) | Desktop |
| AMD Athlon X4 635 | $121.99* | 2891 | 23.71 | NA | NA | 95 | 30 | Jul 2010 | NA | Unknown |
| AMD A6-9500E | $72.50* | 2889 | 39.85 | 1631 | 22.50 | 35 | 82 | Oct 2018 | AM4 | Desktop |
| AMD Phenom 9850 Quad-Core | $119.99* | 2886 | 24.06 | 848 | 7.07 | 125 | 23 | Nov 2008 | AM2+ | Desktop |
| Intel Xeon E5345 @ 2.33GHz | $39.99* | 2886 | 72.17 | 911 | 22.79 | 80 | 36 | Nov 2008 | LGA771 | Server |
| Intel Pentium G4400TE @ 2.40GHz | $64.00* | 2885 | 45.09 | 1387 | 21.67 | 35 | 82 | Jun 2018 | FCLGA1151 | Laptop |
| AMD Phenom II X4 900e | NA | 2882 | NA | 844 | NA | 65 | 44 | Nov 2010 | AM3 | Desktop |
| AMD Phenom II X3 B75 | $39.99* | 2878 | 71.97 | 1056 | 26.43 | 95 | 30 | Aug 2009 | AM3 | Desktop |
| AMD Athlon II X3 460 | $38.99* | 2864 | 73.46 | 1169 | 29.98 | 95 | 30 | Aug 2011 | AM3 | Desktop |
| Intel Pentium G2030 @ 3.00GHz | $48.00 | 2864 | 59.68 | 1602 | 33.39 | 55 | 52 | Jul 2013 | FCLGA1155 | Desktop |
| AMD Athlon X4 620 | $59.95 | 2861 | 47.74 | 889 | 14.84 | 95 | 30 | Oct 2009 | NA | Unknown |
| Intel Celeron G1840 @ 2.80GHz | $61.71 | 2860 | 46.36 | 1634 | 26.48 | 53 | 53 | Jun 2014 | FCLGA1150 | Desktop |
| Intel Pentium G3240T @ 2.70GHz | NA | 2840 | NA | 1557 | NA | 35 | 81 | Aug 2014 | LGA1150 | Desktop |
| Intel Core i3-2310E @ 2.10GHz | $225.00* | 2839 | 12.62 | 1127 | 5.01 | 35 | 81 | Aug 2012 | FCBGA1023 | Laptop |
| Celeron Dual-Core Q8300 @ 2.50GHz | NA | 2837 | NA | NA | NA | 95 | 29 | Sep 2009 | NA | Desktop |
| Intel Core i7-2677M @ 1.80GHz | NA | 2837 | NA | 1185 | NA | 17 | 166 | Jul 2011 | BGA1023 | Laptop |
| Intel Xeon E5405 @ 2.00GHz | $39.95* | 2835 | 70.97 | 860 | 21.54 | 80 | 35 | Feb 2009 | LGA771 | Server |
| Intel Core i3-550 @ 3.20GHz | $175.74* | 2828 | 16.10 | 1299 | 7.39 | 73 | 38 | Jun 2010 | LGA1156 | Desktop |
| Intel Core i7-640M @ 2.80GHz | $199.95 | 2826 | 14.14 | 1301 | 6.51 | 35 | 80 | Oct 2010 | BGA1288 | Laptop |
| AMD PRO A6-8570E | NA | 2824 | NA | 1599 | NA | 35 | 80 | Jan 2017 | NA | Desktop |
| Intel Core M-5Y10c @ 0.80GHz | $281.00* | 2823 | 10.05 | 1053 | 3.75 | 4.5 | 627 | Jan 2015 | FCBGA1234 | Laptop |
| AMD Opteron 2350 | $79.95* | 2820 | 35.28 | NA | NA | 75 | 37 | May 2009 | F (1207) | Server |
| AMD Opteron 2356 | $52.00* | 2814 | 54.12 | 777 | 14.96 | 75 | 37 | Aug 2009 | F (1207) | Server |
| Intel Core i7-2617M @ 1.50GHz | NA | 2812 | NA | 1151 | NA | 17 | 165 | May 2011 | BGA1023 | Laptop |
| AMD Phenom 9750 Quad-Core | $29.49* | 2811 | 95.33 | 833 | 28.28 | 125 | 22 | Dec 2008 | AM2+ | Desktop |
| Intel Core2 Quad Q8200 @ 2.33GHz | $22.99* | 2807 | 122.10 | 990 | 43.09 | 95 | 29 | Nov 2008 | LGA775 | Desktop |
| Intel Core i5-4422E @ 1.80GHz | $266.00* | 2806 | 10.55 | 1077 | 4.05 | 25 | 112 | Dec 2017 | FCBGA1364 | Laptop |
| AMD A8-7100 APU | NA | 2798 | NA | 954 | NA | 19 | 147 | Aug 2014 | FP3 | Laptop |
| AMD Athlon II X4 610e | $69.99* | 2793 | 39.92 | 833 | 11.91 | 45 | 62 | Aug 2010 | AM3 | Desktop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD A6-3620 APU | $55.00* | 2792 | 50.55 | 766 | 13.76 | 65 | 42 | Feb 2012 | FM1 | Desktop |
| AMD Phenom II X4 B05e | NA | 2792 | NA | 806 | NA | NA | NA | Sep 2012 | NA | Unknown |
| AMD Opteron 2373 EE | NA | 2789 | NA | 736 | NA | 60 | 46 | Feb 2018 | F (1207) | Server |
| Intel Core i3-4025U @ 1.90GHz | NA | 2789 | NA | 1079 | NA | 15 | 185 | Aug 2014 | FCBGA1168 | Laptop |
| Intel Pentium G870 @ 3.10GHz | $97.00* | 2785 | 28.72 | 1588 | 16.38 | 65 | 42 | Sep 2012 | FCLGA1155 | Desktop |
| AMD A6-7400K APU | $119.46 | 2783 | 23.30 | 1581 | 13.24 | 65 | 42 | Oct 2014 | FM2+ | Desktop |
| Intel Core M-5Y31 @ 0.90GHz | NA | 2782 | NA | 1124 | NA | 4.5 | 618 | Apr 2015 | FCBGA1234 | Laptop |
| Intel Core i3-2370M @ 2.40GHz | $39.81 | 2777 | 69.78 | 1162 | 29.20 | 35 | 79 | Jun 2012 | PGA988B | Laptop |
| AMD PRO A4-8350B | NA | 2776 | NA | 1653 | NA | 65 | 42 | Feb 2016 | FM2+ | Desktop |
| Intel E3000 @ 3.40GHz | NA | 2767 | NA | NA | NA | NA | NA | Dec 2010 | NA | Unknown |
| Intel Celeron G3930T @ 2.70GHz | $46.95 | 2766 | 58.92 | 1580 | 33.66 | 35 | 79 | Nov 2018 | FCLGA1151 | Desktop |
| AMD A10-5745M APU | NA | 2765 | NA | 913 | NA | 25 | 110 | Jul 2013 | FP2 | Laptop |
| AMD Opteron 1356 | $89.99* | 2765 | 30.73 | 840 | 9.34 | 75 | 36 | May 2009 | AM2 | Server |
| AMD Athlon II X3 455 | $38.99* | 2763 | 70.87 | 1130 | 28.99 | 95 | 29 | Dec 2010 | AM3 | Desktop |
| Intel Pentium G2100T @ 2.60GHz | NA | 2763 | NA | 1442 | NA | 35 | 78 | May 2016 | LGA1155 | Desktop |
| AMD PRO A6-7350B | NA | 2759 | NA | 1645 | NA | 15 | 183 | Mar 2018 | FMA4 | Laptop |
| Intel Xeon L5335 @ 2.00GHz | $18.79* | 2756 | 146.68 | 799 | 42.57 | 50 | 55 | Jan 2007 | LGA771 | Server |
| Intel Pentium G2020 @ 2.90GHz | $59.95* | 2753 | 45.93 | 1543 | 25.75 | 55 | 50 | Jan 2013 | FCLGA1155 | Desktop |
| AMD A8-7410 APU | NA | 2750 | NA | 924 | NA | 25 | 110 | Jun 2015 | NA | Laptop |
| Intel Celeron G1820 @ 2.70GHz | $42.99 | 2750 | 63.97 | 1575 | 36.66 | 53 | 51 | Jan 2014 | FCLGA1150 | Desktop |
| Intel Pentium 1403 @ 2.60GHz | NA | 2742 | NA | 1247 | NA | 80 | 34 | May 2013 | LGA1356 | Server |
| Intel Xeon X3210 @ 2.13GHz | $185.71* | 2740 | 14.76 | 845 | 4.55 | 105 | 26 | Dec 2008 | LGA775 | Server |
| AMD A6-7470K | $218.00* | 2739 | 12.57 | 1659 | 7.61 | 65 | 42 | May 2016 | FM2+ | Desktop |
| AMD Phenom II X4 B15e | NA | 2736 | NA | 872 | NA | NA | NA | Nov 2010 | AM2+/AM3 | Desktop |
| AMD Phenom II X3 B73 | $75.00* | 2735 | 36.47 | 976 | 13.02 | 95 | 28 | Jul 2010 | AM3 | Desktop |
| Intel Pentium G860 @ 3.00GHz | $82.99 | 2735 | 32.96 | 1547 | 18.64 | 65 | 42 | Nov 2011 | FCLGA1155 | Desktop |
| Intel Core i3-4030U @ 1.90GHz | NA | 2719 | NA | 1043 | NA | 15 | 181 | Jun 2014 | FCBGA1168 | Laptop |
| AMD PRO A6-9500E | $74.00* | 2717 | 36.73 | 1589 | 21.48 | 35 | 77 | Jan 2017 | AM4 | Desktop |
| AMD Athlon II X4 605e | $101.80* | 2715 | 26.68 | 812 | 7.98 | 45 | 60 | Dec 2009 | AM3 | Desktop |
| AMD Phenom X4 Quad-Core GP-9830 | NA | 2715 | NA | NA | NA | NA | NA | May 2009 | NA | Desktop |
| Intel Core i7-620M @ 2.67GHz | $110.01* | 2715 | 24.68 | 1213 | 11.03 | 35 | 77 | Jan 2010 | BGA1288 | Laptop |
| AMD Phenom 9750B Quad-Core | NA | 2709 | NA | 834 | NA | 95 | 28 | Sep 2009 | AM2+ | Desktop |
| AMD A6-3600 APU | $22.99* | 2707 | 117.76 | 757 | 32.95 | 65 | 41 | Nov 2011 | FM1 | Desktop |
| AMD Phenom II X940 Quad-Core | NA | 2695 | NA | 640 | NA | 45 | 59 | Aug 2014 | S1 | Laptop |
| Intel Core i5-2557M @ 1.70GHz | NA | 2694 | NA | 1121 | NA | 17 | 158 | Jun 2011 | BGA1023 | Laptop |
| AMD Phenom X4 Quad-Core GP-9930 | NA | 2690 | NA | NA | NA | NA | NA | May 2012 | NA | Desktop |
| Intel Core i3-540 @ 3.07GHz | $72.41 | 2684 | 37.07 | 1222 | 16.89 | 73 | 36 | Jan 2010 | LGA1156 | Desktop |
| Intel Celeron G3900E @ 2.40GHz | $107.00* | 2679 | 25.05 | 1404 | 13.12 | 35 | 76 | Apr 2017 | FCBGA1440 | Laptop |
| AMD A6-7310 APU | NA | 2677 | NA | 902 | NA | 25 | 107 | Jun 2015 | NA | Laptop |
| AMD Opteron 3320 EE | NA | 2675 | NA | 774 | NA | 25 | 107 | Jun 2016 | AM3+ | Server |
| Intel Xeon E5504 @ 2.00GHz | $69.95* | 2673 | 38.21 | 819 | 11.71 | 80 | 33 | Apr 2009 | LGA1366 | Server |
| AMD A8-4500M APU | NA | 2666 | NA | 855 | NA | 35 | 76 | May 2012 | FS1r2 | Laptop |
| AMD Phenom II X3 720 | $69.99* | 2666 | 38.10 | 966 | 13.82 | 95 | 28 | Feb 2009 | AM3 | Desktop |
| Intel Pentium G850 @ 2.90GHz | $29.88 | 2657 | 88.95 | 1501 | 50.26 | 65 | 40 | May 2011 | FCLGA1155 | Desktop |
| AMD A8 PRO-7150B APU | NA | 2655 | NA | 824 | NA | 19 | 139 | Jul 2014 | FP3 | Laptop |
| Intel Core M-5Y10 @ 0.80GHz | NA | 2653 | NA | 1009 | NA | 4.5 | 589 | Aug 2014 | NA | Laptop |
| AMD Phenom II N830 3+1 | NA | 2652 | NA | 763 | NA | 35 | 75 | Aug 2014 | S1 | Laptop |
| AMD Phenom II X920 Quad-Core | NA | 2650 | NA | 785 | NA | 45 | 58 | Sep 2010 | S1 | Laptop |
| AMD Phenom II X3 715 | $84.99* | 2649 | 31.17 | NA | NA | 95 | 27 | Nov 2010 | AM2+ | Desktop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Celeron G4100 @ 1.00GHz | $107.00 | 2640 | 24.72 | 1571 | 16.52 | 75 | 151 | Jan 2018 | FCBGA1356 | Desktop |
| AMD Opteron 2380 | $45.00 | 2640 | 58.69 | NA | NA | 75 | 35 | Mar 2009 | F (1207) | Server |
| AMD Phenom 9650 Quad-Core | $44.95* | 2633 | 58.59 | 791 | 17.60 | 95 | 27 | Dec 2008 | AM2+ | Desktop |
| AMD Opteron 1354 | $135.00* | 2630 | 19.49 | 768 | 5.69 | 75 | 35 | Mar 2009 | AM2 | Server |
| Intel Core i3-2350M @ 2.30GHz | $31.88 | 2629 | 82.49 | 1097 | 34.44 | 35 | 75 | Oct 2011 | PGA988B | Laptop |
| Intel Core i3-2348M @ 2.30GHz | NA | 2624 | NA | 1108 | NA | 35 | 74 | Jan 2013 | rPGA988B | Laptop |
| AMD A6 PRO-7400B | NA | 2621 | NA | 1572 | NA | 65 | 40 | Dec 2014 | FM2+ | Desktop |
| AMD Athlon II X3 450 | $38.05 | 2621 | 68.89 | 1059 | 27.85 | 95 | 27 | Nov 2010 | AM3 | Desktop |
| AMD A6-6420B APU | NA | 2612 | NA | 1579 | NA | 65 | 40 | Nov 2014 | FM2 | Desktop |
| AMD A8-3550MX APU | NA | 2610 | NA | 736 | NA | 45 | 58 | Mar 2012 | FS1 | Laptop |
| AMD Athlon 5350 APU | $109.99* | 2610 | 23.73 | 808 | 7.35 | 25 | 104 | Mar 2014 | AM1,FS1B | Desktop |
| AMD A10-4655M APU | NA | 2605 | NA | 861 | NA | 25 | 104 | Jul 2012 | FP2 | Laptop |
| AMD Phenom 9450e Quad-Core | $105.00* | 2599 | 24.76 | 758 | 7.22 | 65 | 39 | Mar 2010 | AM2+ | Desktop |
| AMD Athlon II X4 6400e | NA | 2594 | NA | NA | NA | NA | NA | Dec 2009 | NA | Unknown |
| Intel Pentium G2010 @ 2.80GHz | $50.00* | 2594 | 51.89 | 1494 | 29.88 | 55 | 47 | Feb 2013 | FCLGA1155 | Desktop |
| Intel Celeron G3900TE @ 2.30GHz | $42.00* | 2591 | 61.71 | 1351 | 32.17 | 35 | 74 | Jul 2018 | FCLGA1151 | Laptop |
| Intel Core i5-580M @ 2.67GHz | $109.95* | 2591 | 23.57 | 1227 | 11.16 | 35 | 74 | Sep 2010 | BGA1288 | Laptop |
| Intel Pentium G645 @ 2.90GHz | $40.00 | 2586 | 64.66 | 1485 | 37.14 | 65 | 39 | Jan 2012 | LGA1155 | Desktop |
| AMD A8-5545M APU | NA | 2585 | NA | 834 | NA | 19 | 136 | Aug 2013 | FP2 | Laptop |
| Intel Core i7-2630UM @ 1.60GHz | NA | 2584 | NA | 1028 | NA | NA | NA | Aug 2013 | NA | Laptop |
| Intel Celeron G1620 @ 2.70GHz | $64.99 | 2578 | 39.67 | 1445 | 22.24 | 55 | 46 | Feb 2013 | FCLGA1155 | Desktop |
| Intel Core i5-560M @ 2.67GHz | $81.97* | 2578 | 31.46 | 1198 | 14.62 | 35 | 73 | Sep 2010 | BGA1288 | Laptop |
| AMD A8-6410 APU | NA | 2577 | NA | 885 | NA | 15 | 171 | Jun 2014 | BGA769 (FT3b) | Laptop |
| AMD Phenom 9600B Quad-Core | $147.19* | 2575 | 17.50 | 791 | 5.38 | 95 | 27 | Mar 2009 | AM2+ | Desktop |
| AMD Athlon X3 435 | $95.49* | 2574 | 26.96 | 989 | 10.36 | 95 | 27 | Dec 2009 | NA | Unknown |
| AMD Athlon II X3 445 | $91.00* | 2573 | 28.28 | 1049 | 11.53 | 95 | 27 | Jul 2010 | AM3 | Desktop |
| Intel Celeron G1830 @ 2.80GHz | $94.95* | 2568 | 27.05 | 1574 | 16.58 | 53 | 48 | Feb 2014 | LGA1150 | Desktop |
| AMD Athlon II X3 440 | $26.99* | 2567 | 95.13 | 1016 | 37.65 | 95 | 27 | Feb 2010 | AM3 | Desktop |
| Intel Core i3-530 @ 2.93GHz | $189.00 | 2564 | 13.57 | 1113 | 5.89 | 73 | 35 | Jan 2010 | LGA1156 | Desktop |
| Intel Pentium G3220T @ 2.60GHz | $62.98* | 2560 | 40.65 | 1451 | 23.04 | 35 | 73 | Mar 2014 | LGA1150 | Desktop |
| Intel Pentium G840 @ 2.80GHz | $34.99* | 2560 | 73.19 | 1456 | 41.63 | 65 | 39 | Jun 2011 | FCLGA1155 | Desktop |
| Intel Celeron 4305UE @ 2.00GHz | NA | 2554 | NA | 1173 | NA | 15 | 170 | Dec 2019 | FCBGA1528 | Desktop, Laptop |
| Intel Celeron G1840T @ 2.50GHz | NA | 2554 | NA | 1450 | NA | 35 | 72 | Apr 2015 | LGA1150 | Desktop |
| Intel Xeon X5270 @ 3.50GHz | NA | 2553 | NA | 1414 | NA | 80 | 31 | Sep 2014 | LGA771 | Server |
| AMD A9-9430 | NA | 2547 | NA | 1524 | NA | NA | NA | Dec 2017 | NA | Desktop |
| Intel Core i3-2328M @ 2.20GHz | $92.97* | 2547 | 27.40 | 1064 | 11.45 | 35 | 72 | Aug 2012 | PGA988 | Laptop |
| AMD Phenom 9550 Quad-Core | $28.99* | 2544 | 87.78 | 760 | 26.24 | 95 | 26 | Dec 2008 | AM2+ | Desktop |
| Intel Core i7-610E @ 2.53GHz | NA | 2544 | NA | 1377 | NA | 35 | 72 | Nov 2011 | BGA1288 | Laptop |
| AMD A9-9410 | NA | 2542 | NA | 1518 | NA | 25 | 101 | Jul 2016 | FP4 | Laptop |
| Intel Atom C3558 @ 2.20GHz | $86.00* | 2538 | 29.52 | 875 | 10.19 | 16 | 158 | Nov 2017 | FCBGA1310 | Server |
| AMD A4-6250J APU | NA | 2537 | NA | 785 | NA | 25 | 101 | Dec 2014 | NA | Unknown |
| AMD Embedded G-Series GX-420GI Radeon R7E | NA | 2533 | NA | 892 | NA | 16.1 | 157 | Sep 2017 | FP4 | Laptop |
| Intel Core i3-2330M @ 2.20GHz | $49.95 | 2529 | 50.63 | 1058 | 21.19 | 35 | 72 | Aug 2011 | BGA1023 | Laptop |
| AMD A4-7210 APU | NA | 2527 | NA | 832 | NA | 25 | 101 | Jul 2015 | BGA | Laptop |
| Intel Pentium G640 @ 2.80GHz | $40.00 | 2520 | 63.01 | 1450 | 36.25 | 65 | 38 | Jul 2012 | LGA1155 | Desktop |
| AMD Phenom FX-5000 Quad-Core | NA | 2517 | NA | 716 | NA | 65 | 38 | Oct 2009 | AM2+ | Unknown |
| AMD PRO A6-8500B | NA | 2516 | NA | 1370 | NA | 15 | 167 | Jan 2016 | FP4 | Laptop |
| Intel Core2 Quad Q9000 @ 2.00GHz | $389.00* | 2516 | 6.47 | 841 | 2.16 | 45 | 55 | Feb 2009 | PGA478 | Laptop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD Phenom II N970 Quad-Core | $149.99 | 2514 | 16.77 | 724 | 4.83 | 35 | 71 | Mar 2011 | S1 | Laptop |
| Intel Xeon E5335 @ 2.00GHz | $17.77* | 2513 | 141.45 | 784 | 44.15 | 80 | 31 | Apr 2009 | LGA771 | Server |
| Intel Pentium 3825U @ 1.90GHz | NA | 2508 | NA | 1038 | NA | 15 | 167 | Aug 2015 | FCBGA1168 | Laptop |
| Intel Celeron G1630 @ 2.80GHz | $69.99 | 2507 | 35.83 | 1483 | 21.20 | 55 | 45 | Oct 2013 | FCLGA1155 | Desktop |
| Intel Core i3-4030Y @ 1.60GHz | NA | 2507 | NA | 908 | NA | 11.5 | 218 | Nov 2014 | FCBGA1168 | Laptop |
| AMD Athlon X4 605e | NA | 2505 | NA | NA | NA | 45 | 55 | Mar 2011 | NA | Unknown |
| Intel Core i5-4300Y @ 1.60GHz | NA | 2502 | NA | 1113 | NA | 11.5 | 217 | Jan 2013 | BGA1168 | Desktop |
| Pentium Dual-Core E6000 @ 3.46GHz | NA | 2501 | NA | 1526 | NA | NA | NA | Apr 2011 | NA | Unknown |
| AMD GX-424CC SOC | NA | 2497 | NA | 878 | NA | 25 | 99 | Jul 2014 | FT3b | Laptop |
| Intel Pentium G2030T @ 2.60GHz | $64.00* | 2496 | 39.01 | 1391 | 21.74 | 35 | 71 | Jan 2014 | LGA1155 | Desktop |
| Intel Celeron G1820T @ 2.40GHz | $42.00* | 2495 | 59.42 | 1392 | 33.15 | 35 | 71 | Feb 2014 | LGA1150 | Desktop |
| Intel Celeron G1610 @ 2.60GHz | $47.00 | 2488 | 52.95 | 1397 | 29.73 | 55 | 45 | Dec 2012 | FCLGA1155 | Desktop |
| Intel Core i5 E 520 @ 2.40GHz | NA | 2486 | NA | 1010 | NA | 35 | 71 | Jan 2010 | BGA1288 | Desktop |
| Intel Core M-5Y51 @ 1.10GHz | NA | 2486 | NA | 1063 | NA | 4.5 | 552 | Apr 2015 | FCBGA1234 | Laptop |
| AMD Phenom II N950 Quad-Core | $112.60* | 2482 | 22.04 | 720 | 6.40 | 35 | 70 | Oct 2010 | S1 | Laptop |
| Intel Core i7-2610UE @ 1.50GHz | NA | 2481 | NA | 1079 | NA | 17 | 145 | Jul 2012 | BGA1023 | Laptop |
| AMD Athlon II X3 435 | $29.99* | 2470 | 82.37 | 1002 | 33.42 | 95 | 26 | Nov 2009 | AM3 | Desktop |
| Intel Core i3-3227U @ 1.90GHz | NA | 2470 | NA | 966 | NA | 17 | 145 | Jan 2013 | BGA1023 | Laptop |
| AMD A6-6310 APU | NA | 2469 | NA | 844 | NA | 15 | 164 | Jul 2014 | FT3 | Laptop |
| AMD Athlon II X4 600e | $130.23* | 2465 | 18.93 | 726 | 5.58 | 45 | 54 | Dec 2009 | AM3 | Desktop |
| Intel Atom C3538 @ 2.10GHz | $75.00* | 2455 | 32.73 | 831 | 11.09 | 15 | 163 | May 2018 | FCBGA1310 | Server |
| Intel Core i5-540M @ 2.53GHz | $68.00* | 2452 | 36.06 | 1106 | 16.27 | 35 | 70 | Jan 2010 | BGA1288 | Laptop |
| Intel Pentium Silver N5000 @ 1.10GHz | $161.00* | 2452 | 15.24 | 1127 | 7.00 | 6 | 408 | Mar 2018 | FCBGA1090 | Laptop |
| AMD Opteron 2354 | $332.03* | 2450 | 7.38 | 784 | 2.36 | 115 | 21 | Sep 2013 | F (1207) | Server |
| AMD Phenom II X3 710 | $84.53* | 2448 | 28.97 | 907 | 10.74 | 95 | 25 | Feb 2009 | AM3 | Desktop |
| Intel Xeon X5260 @ 3.33GHz | $54.00* | 2448 | 45.35 | 1414 | 26.19 | 80 | 30 | Mar 2009 | LGA771 | Server |
| Intel Core i3-4005U @ 1.70GHz | NA | 2446 | NA | 939 | NA | 15 | 163 | Mar 2014 | FCBGA1168 | Laptop |
| Intel Core i3-4010U @ 1.70GHz | $149.99 | 2444 | 16.30 | 929 | 6.20 | 15 | 162 | Jan 2013 | BGA1168 | Laptop |
| AMD A6-5200 APU | NA | 2438 | NA | 779 | NA | 25 | 97 | Jul 2013 | FT3 | Laptop |
| AMD A9-9425 | NA | 2436 | NA | 1461 | NA | 15 | 162 | Jun 2018 | BGA (FT4) | Laptop |
| Intel Core i3-2310M @ 2.10GHz | $38.81* | 2433 | 62.70 | 1007 | 25.95 | 35 | 69 | Mar 2011 | BGA1023 | Laptop |
| Intel Xeon E3113 @ 3.00GHz | $9.79* | 2427 | 247.99 | 1269 | 129.69 | 65 | 37 | Oct 2014 | LGA775 | Server |
| Intel Xeon E5240 @ 3.00GHz | $88.78* | 2424 | 27.31 | 1276 | 14.38 | 65 | 37 | Nov 2009 | LGA771 | Server |
| Intel Celeron G555 @ 2.70GHz | $153.59 | 2422 | 15.77 | 1382 | 9.00 | 65 | 37 | Jan 2012 | LGA1155 | Desktop |
| Intel Pentium G2020T @ 2.50GHz | $47.60* | 2418 | 50.81 | 1311 | 27.54 | 35 | 69 | Jan 2013 | FCLGA1155 | Desktop |
| Intel Xeon E7320 @ 2.13GHz | NA | 2413 | NA | 750 | NA | 80 | 30 | Mar 2016 | 604 | Server |
| AMD GX-420CA SOC | NA | 2412 | NA | 731 | NA | 25 | 96 | Dec 2013 | FT3 (769-BGA) | Laptop |
| AMD A8-3510MX APU | NA | 2410 | NA | 705 | NA | 45 | 53 | Aug 2011 | FS1 | Laptop |
| AMD Embedded R-Series RX-216GD | NA | 2409 | NA | 1375 | NA | 15 | 160 | May 2017 | BGA (FP4) | Laptop |
| AMD A4 PRO-3340B | NA | 2402 | NA | 872 | NA | 25 | 96 | Nov 2015 | BGA769 (FT3) | Laptop |
| AMD Athlon X3 455 | NA | 2401 | NA | 762 | NA | 95 | 25 | Oct 2012 | AM2+/AM3 | Unknown |
| Intel Core i5-4200Y @ 1.40GHz | NA | 2399 | NA | 1016 | NA | 11.5 | 208 | Jan 2013 | BGA1168 | Desktop |
| Intel Core i5-480M @ 2.67GHz | $80.60* | 2399 | 29.77 | 1121 | 13.92 | 35 | 68 | Dec 2010 | BGA1288 | Laptop |
| Intel Core2 Duo E8600 @ 3.33GHz | $42.45* | 2398 | 56.51 | 1370 | 32.28 | 65 | 36 | Nov 2008 | LGA775 | Desktop |
| Intel Pentium 2030M @ 2.50GHz | $134.00* | 2398 | 17.90 | 1316 | 9.82 | 35 | 68 | Oct 2013 | FCPGA988 | Laptop |
| Intel Xeon X5272 @ 3.40GHz | $140.00* | 2394 | 17.10 | 1334 | 9.53 | 80 | 29 | Mar 2009 | LGA771 | Server |
| Intel Pentium G3320TE @ 2.30GHz | NA | 2389 | NA | 1350 | NA | 35 | 68 | Jan 2014 | FCLGA1150 | Desktop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD A6-3420K APU | $119.99 | 2389 | 19.92 | 1100 | 9.09 | 65 | 36 | Oct 2011 | FM2 | Desktop |
| AMD PRO A6-8530B | NA | 2388 | NA | 1410 | NA | 15 | 159 | Jan 2017 | FP4 | Laptop |
| Intel Core M-5Y10a @ 0.80GHz | NA | 2387 | NA | 863 | NA | 4.5 | 530 | Mar 2015 | FCBGA1234 | Laptop |
| Intel Core i3-2332M @ 2.20GHz | NA | 2382 | NA | 1039 | NA | 35 | 68 | Mar 2014 | rPGA988B | Laptop |
| AMD Phenom II X4 8700e | NA | 2377 | NA | NA | NA | NA | NA | Jul 2011 | NA | Unknown |
| Intel Core i5-4210Y @ 1.50GHz | NA | 2375 | NA | 1005 | NA | 11 | 215 | Jan 2013 | BGA1168 | Desktop |
| Intel Core i3-2312M @ 2.10GHz | NA | 2374 | NA | 1028 | NA | 35 | 67 | Jul 2012 | PGA988B | Laptop |
| Intel Celeron 3965U @ 2.20GHz | $107.00* | 2369 | 22.14 | 1262 | 11.80 | 15 | 157 | Dec 2017 | FCBGA1356 | Laptop |
| Intel Pentium G630 @ 2.70GHz | $100.00 | 2368 | 23.69 | 1382 | 13.83 | 65 | 36 | Nov 2011 | LGA1155 | Desktop |
| Intel Core i5-520M @ 2.40GHz | $29.81 | 2366 | 79.38 | 1060 | 35.58 | 35 | 67 | Jan 2010 | BGA1288 | Laptop |
| Intel Celeron 2000E @ 2.20GHz | NA | 2365 | NA | 1317 | NA | 37 | 63 | Jan 2017 | FCBGA1364 | Laptop |
| Intel Xeon E5603 @ 1.60GHz | $129.04* | 2364 | 18.32 | 676 | 5.24 | 80 | 29 | Jun 2011 | LGA1366 | Server |
| Intel Celeron G1620T @ 2.40GHz | $42.00* | 2362 | 56.26 | 1297 | 30.89 | 35 | 67 | Mar 2014 | LGA1155 | Desktop |
| AMD A8-3530MX APU | NA | 2354 | NA | 694 | NA | 45 | 52 | Jul 2011 | FS1 | Laptop |
| AMD A4 PRO-7300B APU | NA | 2353 | NA | 1437 | NA | 65 | 36 | Dec 2014 | NA | Desktop |
| Intel Core2 Duo E8290 @ 2.83GHz | NA | 2353 | NA | 1247 | NA | 65 | 36 | Nov 2012 | LGA775 | Unknown |
| AMD A9-9420 | NA | 2335 | NA | 1410 | NA | 15 | 155 | Aug 2017 | NA | Laptop |
| AMD A4-6320 APU | $69.99* | 2329 | 33.29 | 1425 | 20.37 | 65 | 35 | Apr 2014 | FM2 | Desktop |
| Intel Core i5-2467M @ 1.60GHz | NA | 2321 | NA | 941 | NA | 17 | 136 | Jul 2011 | BGA1023 | Laptop |
| AMD Phenom 9350e Quad-Core | $3,382.07* | 2320 | 0.69 | 671 | 0.20 | 65 | 35 | Feb 2009 | AM2+ | Desktop |
| Intel Core i5-460M @ 2.53GHz | $74.95* | 2319 | 30.94 | 1072 | 14.31 | 35 | 66 | Sep 2010 | BGA1288 | Laptop |
| AMD A6-6400K APU | $70.97* | 2316 | 32.64 | 1405 | 19.81 | 65 | 35 | Jul 2013 | FM2 | Desktop |
| AMD Opteron 1352 | $135.99* | 2316 | 17.04 | 749 | 5.51 | 75 | 30 | Mar 2009 | AM2 | Server |
| AMD Athlon II X3 425 | $26.99* | 2315 | 85.80 | 923 | 34.22 | 95 | 24 | Aug 2009 | AM3 | Desktop |
| AMD Athlon X3 445 | NA | 2314 | NA | NA | NA | 95 | 24 | Oct 2011 | NA | Unknown |
| AMD A4-7300 APU | $112.00 | 2313 | 20.65 | 1394 | 12.45 | 65 | 35 | Sep 2014 | FM2 | Desktop |
| Intel Celeron 2970M @ 2.20GHz | NA | 2312 | NA | 1289 | NA | 37 | 62 | May 2014 | FCPGA946 | Laptop |
| Intel Core i5-4220Y @ 1.60GHz | NA | 2307 | NA | 984 | NA | 11.5 | 200 | Jun 2015 | FCBGA1364 | Laptop |
| AMD A9-9400 | NA | 2306 | NA | 1346 | NA | 10 | 230 | Dec 2016 | FP4 | Laptop |
| Intel Core i3-3217U @ 1.80GHz | $229.99* | 2306 | 10.03 | 901 | 3.92 | 17 | 135 | Jul 2012 | BGA1023 | Laptop |
| AMD Athlon X2 280 | $33.49* | 2303 | 68.77 | 1102 | 32.92 | 65 | 35 | Mar 2014 | AM3 | Unknown |
| AMD Phenom 9600 Quad-Core | $49.95* | 2303 | 46.12 | 790 | 15.82 | 95 | 24 | Dec 2008 | AM2+ | Desktop |
| AMD E2-7110 APU | NA | 2293 | NA | 696 | NA | 15 | 152 | Oct 2015 | FP4 BGA | Laptop |
| AMD Opteron X3216 APU | NA | 2292 | NA | 1347 | NA | 15 | 152 | Aug 2017 | NA | Server |
| Intel Celeron G550 @ 2.60GHz | $80.00 | 2290 | 28.63 | 1331 | 16.65 | 65 | 35 | Jul 2012 | LGA1155 | Desktop |
| Intel Xeon E5320 @ 1.86GHz | $38.75* | 2288 | 59.05 | 722 | 18.63 | 80 | 28 | Mar 2009 | LGA771 | Server |
| AMD Athlon II X3 420e | $116.15* | 2285 | 19.68 | 824 | 7.10 | 45 | 50 | Jun 2011 | AM3 | Desktop |
| Intel Pentium G620 @ 2.60GHz | $59.99 | 2285 | 38.10 | 1324 | 22.08 | 65 | 35 | May 2011 | LGA1155 | Desktop |
| AMD Opteron 2376 | $166.81* | 2283 | 13.69 | NA | NA | 75 | 30 | Mar 2009 | F (1207) | Server |
| AMD A6-6400B APU | NA | 2281 | NA | 1386 | NA | 65 | 35 | Feb 2014 | FM2 | Desktop |
| Intel Core2 Duo E8500 @ 3.16GHz | $39.99* | 2279 | 57.01 | 1314 | 32.86 | 65 | 35 | Nov 2008 | LGA775 | Desktop |
| AMD Phenom II N930 Quad-Core | $129.95* | 2274 | 17.50 | 647 | 4.98 | 35 | 64 | Apr 2010 | S1 | Laptop |
| AMD PRO A4-3350B APU | NA | 2274 | NA | 724 | NA | 15 | 151 | Jun 2016 | FT3b | Laptop |
| Intel Pentium 2020M @ 2.40GHz | $134.00* | 2274 | 16.97 | 1253 | 9.35 | 35 | 64 | Feb 2013 | FCPGA988 | Laptop |
| Intel Xeon L5310 @ 1.60GHz | $112.50* | 2274 | 20.22 | 640 | 5.69 | 50 | 45 | May 2016 | LGA771 | Server |
| Intel Xeon L3110 @ 3.00GHz | NA | 2273 | NA | 1266 | NA | 45 | 50 | Jan 2009 | LGA775 | Server |
| Intel Xeon L5240 @ 3.00GHz | $31.40* | 2271 | 72.33 | 1286 | 40.96 | 40 | 56 | Jun 2009 | LGA771 | Server |
| Intel Pentium 3560M @ 2.40GHz | NA | 2269 | NA | 1333 | NA | 37 | 61 | Jan 2015 | FCPGA946 | Laptop |
| Intel Pentium 3550M @ 2.30GHz | NA | 2266 | NA | 1290 | NA | 37 | 61 | Feb 2014 | FCPGA946 | Laptop |
| Intel Pentium J4205 @ 1.50GHz | NA | 2264 | NA | 865 | NA | 10 | 226 | Oct 2016 | FCBGA1296 | Desktop |

## CPU Benchmarks ▼

| CPU Name | Price | CPU Mark | CPU Value | Thread Mark | Thread Value | TDP (W) | Power Perf. | Test Date | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Celeron G1610T @ 2.30GHz | $46.54* | 2256 | 59.42 | 1161 | 28.34 | 35 | 64 | Nov 2013 | LGA1155 | Desktop |
| AMD Opteron 8354 | $25.00 | 2255 | 90.22 | NA | NA | 75 | 30 | Aug 2009 | F (1207) | Server |
| Intel Core i5-4202Y @ 1.60GHz | NA | 2252 | NA | 968 | NA | 11.5 | 195 | Feb 2014 | FCBGA1168 | Desktop |
| AMD Athlon X2 370K Dual Core | NA | 2251 | NA | 1461 | NA | 65 | 34 | Nov 2013 | NA | Unknown |
| AMD Opteron 2393 SE | NA | 2246 | NA | 1119 | NA | 105 | 21 | Apr 2013 | F (1207) | Server |
| Intel Core i5-520 @ 2.40GHz | NA | 2244 | NA | NA | NA | 35 | 64 | Dec 2010 | NA | Laptop |
| Intel Celeron N4100 @ 1.10GHz | $107.00* | 2243 | 20.97 | 994 | 9.29 | 6 | 373 | May 2018 | FCBGA1090 | Laptop |
| Intel Core i7-640LM @ 2.13GHz | NA | 2243 | NA | 1066 | NA | 25 | 89 | Feb 2010 | BGA1288 | Laptop |
| AMD Phenom II X3 700e | NA | 2242 | NA | 774 | NA | 65 | 34 | Nov 2010 | AM3 | Desktop |
| Intel Xeon E3120 @ 3.16GHz | NA | 2241 | NA | 1338 | NA | 65 | 34 | Mar 2010 | LGA775 | Server |
| AMD Athlon II X3 425e | NA | 2239 | NA | NA | NA | 45 | 49 | Sep 2012 | AM3 | Desktop |
| AMD A6-5400B APU | $105.04* | 2237 | 21.30 | 1333 | 12.69 | 65 | 34 | Nov 2013 | FM2 | Desktop |
| AMD Phenom X4 Quad-Core GP-9600 | NA | 2235 | NA | 665 | NA | 95 | 23 | Jul 2009 | AM2+ | Desktop |
| Intel Celeron 1020E @ 2.20GHz | NA | 2232 | NA | 1209 | NA | 35 | 63 | Jul 2014 | FCBGA1023, FCP | Laptop |
| AMD A4 PRO-7350B | NA | 2227 | NA | 1310 | NA | 65 | 34 | Dec 2014 | FM2+ | Desktop |
| AMD A4-6300 APU | $45.55* | 2227 | 48.91 | 1356 | 29.77 | 65 | 34 | Nov 2013 | FM2 | Desktop |
| Intel Pentium G645T @ 2.50GHz | NA | 2227 | NA | 1269 | NA | 35 | 63 | Jan 2012 | LGA1155 | Desktop |
| AMD Phenom II X2 565 | $209.95* | 2225 | 10.60 | 1118 | 5.33 | 80 | 27 | Jan 2011 | AM2+/AM3 | Desktop |
| Intel Core i5-3339Y @ 1.50GHz | NA | 2225 | NA | 916 | NA | 13 | 171 | Jan 2013 | BGA1023 | Desktop |
| AMD Athlon II X3 415e | $75.00* | 2224 | 29.66 | 851 | 11.36 | 45 | 49 | Oct 2010 | AM3 | Desktop |
| Intel Pentium 4415Y @ 1.60GHz | $161.00* | 2224 | 13.81 | 809 | 5.03 | 6 | 370 | Aug 2018 | FCBGA1515 | Laptop |
| Intel Core i3-4020Y @ 1.50GHz | NA | 2214 | NA | 836 | NA | 11.5 | 192 | Jan 2014 | BGA1168 | Desktop |
| Intel Xeon E5310 @ 1.60GHz | $49.00* | 2214 | 45.19 | 632 | 12.90 | 80 | 27 | Mar 2009 | LGA771 | Server |
| Intel Core2 Duo E8700 @ 3.50GHz | NA | 2212 | NA | NA | NA | NA | NA | Dec 2010 | NA | Unknown |
| AMD Phenom II X3 705e | $152.34* | 2209 | 14.50 | 844 | 5.54 | 65 | 33 | Jul 2009 | AM3 | Desktop |
| AMD Phenom X2 Dual-Core GE-5560 | NA | 2206 | NA | NA | NA | NA | NA | Feb 2011 | NA | Unknown |
| AMD A6-8500P | NA | 2202 | NA | 1315 | NA | 15 | 146 | May 2016 | BGA (FP4) | Laptop |
| AMD Phenom 9500 Quad-Core | $28.99* | 2202 | 75.97 | 756 | 26.08 | 95 | 23 | Nov 2008 | AM2+ | Desktop |
| AMD A6-3430MX APU | NA | 2200 | NA | 644 | NA | 45 | 48 | Feb 2012 | FS1 | Laptop |
| Intel Celeron G540 @ 2.50GHz | $45.00* | 2197 | 48.82 | 1288 | 28.63 | 65 | 33 | Oct 2011 | LGA1155 | Desktop |
| Intel Core i5 750S @ 2.40GHz | $99.99* | 2197 | 21.97 | 987 | 9.87 | 82 | 26 | Jul 2012 | LGA1156 | Desktop |
| AMD Athlon X3 425 | NA | 2191 | NA | 701 | NA | 95 | 23 | Feb 2010 | NA | Unknown |
| AMD Phenom II X620 Dual-Core | NA | 2189 | NA | 1173 | NA | 45 | 48 | Feb 2013 | S1 | Laptop |
| HP Hexa-Core 2.0GHz | $504.27* | 2178 | 4.32 | 776 | 1.54 | NA | NA | Nov 2014 | NA | Unknown |
| AMD A4-6210 APU | NA | 2172 | NA | 691 | NA | 15 | 144 | Jul 2014 | FT3b | Laptop |
| AMD A8-3520M APU | NA | 2169 | NA | 638 | NA | 35 | 61 | Jan 2012 | FS1 | Laptop |
| Intel Atom C2558 @ 2.40GHz | $136.00* | 2169 | 15.95 | 550 | 4.05 | 15 | 144 | Jul 2015 | BGA 1283 | Laptop |
| Intel Core i3-390M @ 2.67GHz | $38.95* | 2165 | 55.59 | 1003 | 25.76 | 35 | 61 | Feb 2011 | BGA1288 | Laptop |
| AMD A6-5400K APU | $62.02 | 2164 | 34.90 | 1310 | 21.13 | 65 | 33 | Oct 2012 | FM2 | Desktop |
| AMD A6-9220 | NA | 2164 | NA | 1223 | NA | 15 | 144 | Aug 2017 | NA | Laptop |
| Intel Core i3-3217UE @ 1.60GHz | NA | 2162 | NA | 702 | NA | 17 | 127 | Jan 2014 | BGA1023 | Laptop |
| Intel Core i3-4012Y @ 1.50GHz | NA | 2161 | NA | 814 | NA | 11.5 | 187 | Jun 2014 | FCBGA1168 | Laptop |
| AMD A4-6300B APU | $100.00* | 2159 | 21.59 | 1403 | 14.04 | 65 | 33 | Dec 2013 | NA | Desktop |
| Intel Xeon E3110 @ 3.00GHz | $22.99* | 2159 | 93.93 | 1265 | 55.06 | 65 | 33 | Nov 2008 | LGA775 | Server |
| AMD A4-5300B APU | $38.00* | 2149 | 56.56 | 1289 | 33.92 | 65 | 33 | Dec 2012 | FM2 | Desktop |
| Intel Core2 Duo E8400 @ 3.00GHz | $45.50* | 2148 | 47.21 | 1247 | 27.41 | 65 | 33 | Nov 2008 | LGA775 | Desktop |
| Intel Atom C2550 @ 2.40GHz | NA | 2141 | NA | 581 | NA | 14 | 152 | Aug 2014 | FCBGA1283 | Server |
| Intel Core2 Duo T9900 @ 3.06GHz | $398.95* | 2137 | 5.36 | 1183 | 2.97 | 35 | 61 | Jul 2009 | BGA479,PGA478 | Laptop |
| Intel Pentium G6951 @ 2.80GHz | $94.00* | 2135 | 22.72 | 1157 | 12.31 | 73 | 29 | Jan 2011 | LGA1156 | Desktop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Xeon L5320 @ 1.86GHz | $55.95 | 2136 | 50.62 | 935 | 4.20 | 50 | 42 | Oct 2011 | LGA771 | Server |
| Intel Core i5-450M @ 2.40GHz | $31.95* | 2134 | 66.80 | 976 | 30.55 | 35 | 60 | Jun 2010 | PGA988A | Laptop |
| Intel Celeron G1820TE @ 2.20GHz | NA | 2132 | NA | 1203 | NA | 35 | 60 | Oct 2014 | LGA1150 | Desktop |
| AMD Athlon II X2 280 | $99.99* | 2128 | 21.29 | 1213 | 12.13 | 65 | 32 | Mar 2013 | AM3 | Unknown |
| Intel Celeron G530 @ 2.40GHz | $39.99* | 2128 | 53.23 | 1234 | 30.88 | 65 | 32 | Sep 2011 | LGA1155 | Desktop |
| Intel Core2 Duo E8335 @ 2.93GHz | NA | 2128 | NA | 1160 | NA | NA | NA | Jun 2009 | Socket P | Laptop |
| AMD A4-5050 APU | NA | 2124 | NA | 616 | NA | 13.5 | 157 | May 2017 | FT3 | Laptop |
| AMD Phenom II X2 B59 | $44.04* | 2124 | 48.25 | 1136 | 25.80 | 80 | 26 | Jan 2012 | AM2+/AM3 | Unknown |
| AMD A8-4555M APU | NA | 2123 | NA | 712 | NA | 19 | 111 | Oct 2012 | FP2 | Laptop |
| AMD Phenom 9150e Quad-Core | $39.95* | 2112 | 52.87 | 620 | 15.54 | 65 | 32 | Feb 2009 | AM2+ | Desktop |
| AMD Sempron 240 | $58.00 | 2110 | 36.39 | 1226 | 21.15 | 65 | 32 | Oct 2018 | FM2 | Desktop |
| AMD A6-9225 | NA | 2108 | NA | 1231 | NA | 15 | 140 | Aug 2018 | BGA (FT4) | Laptop |
| AMD Athlon 5150 APU | $159.95 | 2108 | 13.18 | 634 | 3.96 | 25 | 84 | Apr 2014 | AM1,FS1b | Desktop |
| Intel Celeron J3455 @ 1.50GHz | $349.99 | 2107 | 6.02 | 771 | 2.20 | 10 | 210 | Oct 2016 | FCBGA1296 | Desktop |
| AMD Phenom II X2 511 | NA | 2104 | NA | 1153 | NA | 65 | 32 | Feb 2011 | AM2+/AM3 | Unknown |
| AMD A6-9230 | NA | 2102 | NA | 1241 | NA | 15 | 140 | Aug 2017 | NA | Desktop |
| Intel Core i5-430M @ 2.27GHz | $139.95* | 2093 | 14.96 | 900 | 6.43 | 35 | 59 | Jan 2010 | BGA1288 | Laptop |
| Intel Core i3-380M @ 2.53GHz | $54.49 | 2091 | 38.39 | 969 | 17.80 | 35 | 59 | Nov 2010 | PGA988A | Laptop |
| AMD Embedded G-Series GX-224IJ Radeon R4E | NA | 2088 | NA | 1199 | NA | 15 | 139 | Nov 2017 | FP4 | Laptop |
| Intel Pentium G630T @ 2.30GHz | $79.99* | 2086 | 26.09 | 1163 | 14.55 | 35 | 59 | Oct 2011 | LGA1155 | Desktop |
| AMD Athlon II X2 B28 | $49.05* | 2085 | 42.52 | 1170 | 23.87 | 65 | 32 | Jul 2012 | AM3 | Desktop |
| AMD Phenom II P960 Quad-Core | $28.00* | 2085 | 74.49 | 608 | 21.72 | 35 | 59 | Feb 2011 | S1 | Laptop |
| Intel Atom C2538 @ 2.40GHz | $104.00* | 2085 | 20.05 | 557 | 5.36 | 15 | 139 | May 2018 | FCBGA1283 | Laptop |
| AMD Phenom 8850B Triple-Core | NA | 2080 | NA | 890 | NA | 95 | 21 | Sep 2010 | NA | Desktop |
| AMD Athlon X3 440 | $87.99* | 2078 | 23.62 | 937 | 10.65 | 95 | 21 | Mar 2010 | NA | Unknown |
| AMD PRO A6-9500B | NA | 2076 | NA | 1244 | NA | 15 | 138 | Mar 2017 | FP4 | Laptop |
| Intel Core2 Extreme X9100 @ 3.06GHz | $851.00* | 2076 | 2.44 | 1176 | 1.38 | 44 | 47 | Dec 2008 | PGA478 | Laptop |
| AMD Phenom II X2 521 | NA | 2071 | NA | 1129 | NA | 65 | 31 | Jun 2011 | AM2+/AM3 | Unknown |
| Intel Xeon E3-1220L v3 @ 1.10GHz | NA | 2070 | NA | 799 | NA | 13 | 159 | May 2014 | LGA1150 | Server |
| ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz | NA | 2069 | NA | 525 | NA | NA | NA | Oct 2019 | NA | Unknown |
| AMD Phenom II X2 570 | NA | 2068 | NA | 1198 | NA | 80 | 25 | Dec 2015 | AM3 | Desktop |
| Intel Core2 Duo E8435 @ 3.06GHz | NA | 2068 | NA | 1211 | NA | NA | NA | Mar 2009 | Socket P | Laptop |
| Intel Celeron G540T @ 2.10GHz | NA | 2067 | NA | 1079 | NA | 35 | 59 | Jul 2012 | LGA1155 | Desktop |
| Intel Core i5-2537M @ 1.40GHz | NA | 2064 | NA | 861 | NA | 17 | 121 | Mar 2011 | BGA1023 | Laptop |
| AMD Phenom II X2 560 | $64.99* | 2062 | 31.74 | 1097 | 16.88 | 80 | 25 | Oct 2010 | AM2+/AM3 | Unknown |
| AMD A4-5100 APU | NA | 2060 | NA | 620 | NA | 15 | 137 | Jul 2015 | FT3 | Laptop |
| Intel Pentium 4405Y @ 1.50GHz | NA | 2059 | NA | 783 | NA | 6 | 343 | May 2016 | FCBGA1515 | Laptop |
| AMD A6-3410MX APU | $3.99* | 2058 | 515.98 | 593 | 148.68 | 45 | 45 | Jul 2011 | FS1 | Laptop |
| AMD Phenom 8750 Triple-Core | NA | 2058 | NA | 813 | NA | 95 | 21 | Feb 2009 | AM2+ | Desktop |
| Intel Pentium 4410Y @ 1.50GHz | $161.00* | 2050 | 12.73 | 757 | 4.71 | 6 | 341 | Nov 2017 | FCBGA1515 | Laptop |
| AMD Phenom II X2 555 | $27.98* | 2043 | 73.03 | 1069 | 38.23 | 80 | 25 | Feb 2010 | AM2+/AM3 | Desktop |
| Intel Pentium G6960 @ 2.93GHz | NA | 2043 | NA | 1219 | NA | 73 | 27 | Feb 2011 | LGA1156 | Desktop |
| Intel Atom T5700 @ 1.70GHz | NA | 2039 | NA | 844 | NA | NA | NA | Jul 2018 | NA | Laptop |
| AMD Phenom 8750B Triple-Core | NA | 2034 | NA | 805 | NA | 95 | 21 | May 2009 | AM2+ | Desktop |
| Intel Pentium G620T @ 2.20GHz | $79.99* | 2033 | 25.42 | 1138 | 14.23 | 35 | 58 | Jul 2011 | LGA1155 | Desktop |
| Intel Celeron G550T @ 2.20GHz | NA | 2032 | NA | 1135 | NA | 35 | 58 | Aug 2014 | LGA1155 | Desktop |
| AMD A6-3500 APU | $39.99* | 2030 | 50.77 | 753 | 18.84 | 65 | 31 | Sep 2011 | FM1 | Desktop |
| Intel Pentium N4200 @ 1.10GHz | $233.98* | 2027 | 8.67 | 829 | 3.55 | 6 | 337 | Nov 2016 | FCBGA1296 | Laptop |

## 🏠 CPU Benchmarks ▼

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| ⊞ AMD Phenom 8450e Triple-Core | NA | 2025 | NA | 702 | NA | 65 | 31 | Oct 2009 | AM2 | Desktop |
| ⊞ AMD Phenom II X2 550 | $49.99* | 2023 | 40.48 | 1065 | 21.32 | 80 | 25 | Jun 2009 | AM2+/AM3 | Desktop |
| ⊞ Intel Celeron 1020M @ 2.10GHz | NA | 2023 | NA | 1162 | NA | 35 | 57 | Dec 2019 | FCPGA988 | Laptop |
| ⊞ AMD A4-5300 APU | $110.32 | 2021 | 18.32 | 1243 | 11.28 | 65 | 31 | Oct 2012 | FM2 | Desktop |
| ⊞ AMD Phenom II X640 Dual-Core | NA | 2021 | NA | 1001 | NA | 45 | 44 | Apr 2012 | S1 | Unknown |
| ⊞ Intel Pentium B980 @ 2.40GHz | $69.95* | 2019 | 28.88 | 1161 | 16.60 | 35 | 57 | Dec 2012 | FCPGA988 | Laptop |
| ⊞ Intel Core2 Duo P9700 @ 2.80GHz | NA | 2016 | NA | 1111 | NA | 28 | 72 | Jun 2009 | PGA478 | Laptop |
| ⊞ Intel Core i3-370M @ 2.40GHz | $39.96* | 2015 | 50.43 | 918 | 22.99 | 35 | 57 | Jul 2010 | PGA988A | Laptop |
| ⊞ AMD R-272F APU | NA | 2007 | NA | 1025 | NA | 35 | 57 | Nov 2019 | FS1 | Desktop, Laptop |
| ⊞ Intel Core2 Duo T9800 @ 2.93GHz | $423.89* | 2005 | 4.73 | 1115 | 2.63 | 35 | 57 | Feb 2009 | BGA479 | Laptop |
| ⊞ AMD A6-3420M APU | NA | 2004 | NA | 592 | NA | 35 | 57 | Jan 2012 | FS1 | Laptop |
| ⊞ AMD Athlon II X3 400e | $107.43* | 2000 | 18.62 | 754 | 7.02 | 45 | 44 | Dec 2009 | AM3 | Desktop |
| ⊞ AMD Athlon II X3 405e | $79.99* | 2000 | 25.00 | 792 | 9.91 | 45 | 44 | Mar 2010 | AM3 | Desktop |
| ⊞ AMD Phenom II N870 Triple-Core | NA | 2000 | NA | 730 | NA | 35 | 57 | Mar 2011 | S1 | Laptop |
| ⊞ AMD Phenom X4 Quad-Core GP-9530 | NA | 1994 | NA | 381 | NA | NA | NA | Oct 2016 | AM2+ (940-pin) | Desktop |
| ⊞ Intel Core2 Duo E8300 @ 2.83GHz | $19.99* | 1987 | 99.44 | 1175 | 58.81 | 65 | 30 | Dec 2008 | LGA775 | Desktop |
| ⊞ AMD Phenom 8650 Triple-Core | $49.99* | 1985 | 39.71 | 785 | 15.71 | 95 | 20 | Dec 2008 | AM2+ | Desktop |
| ⊞ AMD A8-3500M APU | $69.95 | 1984 | 28.37 | 561 | 8.02 | 35 | 56 | Jul 2011 | FS1 | Laptop |
| ⊞ Intel Celeron 2950M @ 2.00GHz | NA | 1984 | NA | 1152 | NA | 37 | 53 | Apr 2014 | FCPGA946 | Laptop |
| ⊞ AMD GX-415GA SOC | NA | 1982 | NA | 581 | NA | 15 | 132 | Nov 2013 | FT3 (769-BGA) | Laptop |
| ⊞ AMD A4-9125 | NA | 1979 | NA | 1123 | NA | 15 | 131 | Nov 2018 | BGA (FT4) | Laptop |
| ⊞ Intel Pentium G640T @ 2.40GHz | NA | 1979 | NA | 1211 | NA | 35 | 56 | Jan 2012 | LGA1155 | Desktop |
| ⊞ Intel Celeron 4205U @ 1.80GHz | $107.00* | 1977 | 18.48 | 1035 | 9.68 | 15 | 131 | May 2019 | FCBGA1528 | Laptop |
| ⊞ AMD Athlon II X2 270 | $23.99* | 1975 | 82.36 | 1152 | 48.03 | 65 | 30 | Aug 2011 | AM3 | Desktop |
| ⊞ Intel Pentium E6800 @ 3.33GHz | $89.00* | 1974 | 22.19 | 1338 | 15.04 | 65 | 30 | Oct 2010 | LGA775 | Desktop |
| ⊞ Intel Pentium J2900 @ 2.41GHz | NA | 1974 | NA | 591 | NA | 10 | 197 | Feb 2014 | FCBGA1170 | Desktop |
| ⊞ AMD A10 Micro-6700T APU | NA | 1970 | NA | 778 | NA | 5 | 394 | May 2015 | FT3b | Laptop |
| ⊞ Intel Core i7-610 @ 2.53GHz | NA | 1969 | NA | NA | NA | 35 | 56 | Apr 2011 | BGA1288 | Unknown |
| ⊞ AMD Phenom 8850 Triple-Core | NA | 1968 | NA | 896 | NA | 95 | 20 | Aug 2010 | AM2+ | Desktop |
| ⊞ AMD A6-9220C | NA | 1962 | NA | 1115 | NA | 6 | 327 | May 2019 | FT4 | Laptop |
| ⊞ Intel Pentium 3805U @ 1.90GHz | NA | 1960 | NA | 1063 | NA | 15 | 130 | Feb 2015 | FCBGA1168 | Laptop |
| ⊞ Intel Core2 Duo E7600 @ 3.06GHz | $119.95* | 1959 | 16.33 | 1236 | 10.31 | 65 | 30 | Jun 2009 | LGA775 | Desktop |
| ⊞ Intel Xeon 5160 @ 3.00GHz | $49.99* | 1958 | 39.17 | 1139 | 22.79 | 80 | 24 | Feb 2009 | LGA771 | Server |
| ⊞ Intel Core i7-620LM @ 2.00GHz | NA | 1956 | NA | 936 | NA | 25 | 78 | Apr 2010 | rPGA988A | Laptop |
| ⊞ Intel Core2 Duo E8235 @ 2.80GHz | NA | 1955 | NA | 1086 | NA | NA | NA | Mar 2009 | Socket P | Laptop |
| ⊞ AMD A4-9120 | NA | 1954 | NA | 1116 | NA | 15 | 130 | Sep 2017 | BGA | Laptop |
| ⊞ AMD R-460L APU | NA | 1954 | NA | 732 | NA | 25 | 78 | Feb 2015 | BGA827 (FP2) | Laptop |
| ⊞ AMD A6-5357M APU | NA | 1953 | NA | 1132 | NA | 35 | 55 | Oct 2013 | FP2 | Laptop |
| ⊞ Intel Celeron 3955U @ 2.00GHz | NA | 1952 | NA | 1051 | NA | 15 | 130 | Feb 2016 | FCBGA1356 | Laptop |
| ⊞ Intel Pentium B970 @ 2.30GHz | $50.99* | 1951 | 38.27 | 1122 | 22.01 | 35 | 55 | Jul 2012 | PGA988 | Laptop |
| ⊞ Intel Celeron 3765U @ 1.90GHz | NA | 1948 | NA | 1045 | NA | 15 | 129 | Jun 2016 | FCBGA1168 | Laptop |
| ⊞ Intel Core2 Duo E6850 @ 3.00GHz | $49.99* | 1940 | 38.82 | 1135 | 22.71 | 65 | 29 | Nov 2008 | LGA775 | Desktop |
| ⊞ AMD Athlon II X2 250e | $76.73* | 1939 | 25.28 | 1056 | 13.77 | 45 | 43 | Jun 2011 | AM3 | Desktop |
| ⊞ AMD Athlon X2 340 Dual Core | $49.99* | 1938 | 38.78 | 1272 | 25.45 | 65 | 29 | Jul 2013 | NA | Unknown |
| ⊞ Intel Core i3-330E @ 2.13GHz | NA | 1935 | NA | 915 | NA | 35 | 55 | Jul 2012 | BGA1288 | Laptop |
| ⊞ AMD Phenom II N850 Triple-Core | $25.00* | 1934 | 77.38 | 729 | 29.19 | 35 | 55 | Sep 2010 | S1 | Laptop |
| ⊞ Intel Pentium N3540 @ 2.16GHz | $250.87* | 1933 | 7.71 | 582 | 2.32 | 7.5 | 257 | Oct 2014 | FCBGA1170 | Laptop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Pentium E6700 @ 3.20GHz | $29.95 | 1932 | 51.15 | 1256 | 42.66 | 65 | 29 | Jul 2010 | LGA775 | Desktop |
| AMD Phenom X3 8550 | $169.95* | 1931 | 11.36 | 742 | 4.37 | 95 | 20 | May 2009 | AM2/AM2+ | Desktop |
| Intel Core2 Duo T9600 @ 2.80GHz | $89.95* | 1927 | 21.43 | 1078 | 11.99 | 35 | 55 | Feb 2009 | BGA479 | Laptop |
| AMD A4-5000 APU | NA | 1920 | NA | 585 | NA | 15 | 128 | Aug 2013 | FT3 | Laptop |
| AMD Phenom II X2 B55 | $47.95* | 1920 | 40.06 | 1033 | 21.56 | 80 | 24 | Dec 2009 | AM3 | Desktop |
| AMD E2-6110 APU | NA | 1919 | NA | 573 | NA | 15 | 127 | Oct 2014 | AM1,FT3b | Laptop |
| AMD Opteron 2224 SE | NA | 1919 | NA | NA | NA | 119 | 16 | Apr 2010 | F (1207) | Server |
| AMD Phenom 8600B Triple-Core | $52.99* | 1919 | 36.22 | 764 | 14.43 | 95 | 20 | Apr 2009 | AM2+ | Desktop |
| AMD Phenom II X2 545 | $43.98* | 1918 | 43.62 | 1026 | 23.34 | 80 | 23 | Aug 2009 | AM2+/AM3 | Desktop |
| Intel Pentium J3710 @ 1.60GHz | NA | 1918 | NA | 587 | NA | 6.5 | 295 | May 2016 | NA | Desktop |
| Intel Pentium N3530 @ 2.16GHz | NA | 1911 | NA | 559 | NA | 7.5 | 254 | Jun 2014 | FCBGA1170 | Laptop |
| AMD A4-4020 APU | $83.00 | 1909 | 23.00 | 1164 | 14.03 | 65 | 29 | Jul 2014 | FM2 | Desktop |
| AMD A6-5350M APU | $43.12 | 1909 | 44.28 | 1145 | 26.55 | 35 | 54 | Jul 2013 | FS1r2 | Laptop |
| Intel Celeron 3865U @ 1.80GHz | NA | 1904 | NA | 1016 | NA | 15 | 126 | Jun 2017 | BGA1356 | Laptop |
| AMD Athlon II X2 B26 | $44.95 | 1903 | 42.36 | 1099 | 24.45 | 65 | 29 | Sep 2011 | NA | Unknown |
| Intel Xeon @ 2.20GHz | NA | 1902 | NA | 1573 | NA | 61 | 31 | Mar 2018 | PPGA603 | Server |
| Intel Core i3-4010Y @ 1.30GHz | NA | 1900 | NA | 695 | NA | 11.5 | 165 | Dec 2013 | BGA1168 | Desktop |
| Intel Atom x7-Z8750 @ 1.60GHz | NA | 1897 | NA | 586 | NA | 4 | 474 | Mar 2017 | UTFCBGA1380 | Laptop |
| VIA QuadCore C4650@2.0GHz | NA | 1897 | NA | 526 | NA | NA | NA | Oct 2015 | NA | Unknown |
| Intel Core2 Extreme X9000 @ 2.80GHz | $409.95* | 1894 | 4.62 | 1080 | 2.64 | 44 | 43 | Feb 2009 | PGA478 | Laptop |
| AMD Athlon II X2 265 | $82.88* | 1892 | 22.84 | 1116 | 13.47 | 65 | 29 | Nov 2010 | AM3 | Desktop |
| Intel Atom x7-Z8700 @ 1.60GHz | $73.63* | 1892 | 25.70 | 550 | 7.47 | 4 | 473 | Apr 2015 | BGA1380 | Laptop |
| Intel Core i3-350M @ 2.27GHz | $108.95 | 1892 | 17.37 | 821 | 7.54 | 35 | 54 | Jan 2010 | BGA1288 | Laptop |
| AMD Phenom II N830 Triple-Core | NA | 1890 | NA | 683 | NA | 35 | 54 | May 2010 | S1 | Laptop |
| AMD Phenom 8450 Triple-Core | $29.95* | 1888 | 63.07 | 721 | 24.08 | 95 | 19 | Dec 2008 | AM2+ | Desktop |
| Intel Pentium E5800 @ 3.20GHz | $22.50 | 1887 | 83.88 | 1313 | 58.36 | 65 | 29 | Jan 2012 | LGA775 | Desktop |
| AMD A6-3400M APU | $29.97* | 1886 | 62.95 | 539 | 17.99 | 35 | 53 | Jun 2011 | FS1 | Laptop |
| Intel Core2 Duo E8200 @ 2.66GHz | $49.99* | 1882 | 37.66 | 1110 | 22.22 | 65 | 28 | Nov 2008 | LGA775 | Desktop |
| AMD Athlon II X2 260 | $19.99* | 1878 | 93.96 | 1074 | 53.75 | 65 | 28 | Jul 2010 | AM3 | Desktop |
| Intel Core2 Duo E7500 @ 2.93GHz | $14.99* | 1873 | 124.97 | 1201 | 80.14 | 65 | 28 | Mar 2009 | LGA775 | Desktop |
| Intel Core2 Extreme X6800 @ 2.93GHz | $263.64* | 1873 | 7.11 | 1112 | 4.22 | 75 | 24 | Dec 2008 | PLGA775 | Desktop |
| AMD Phenom II P920 Quad-Core | $75.00* | 1872 | 24.96 | 511 | 6.82 | 25 | 74 | Jul 2010 | S1 | Laptop |
| Intel Atom E3940 @ 1.60GHz | NA | 1867 | NA | 657 | NA | 9.5 | 196 | May 2018 | NA | Laptop |
| Intel Core2 Duo P9600 @ 2.66GHz | NA | 1866 | NA | 1036 | NA | 25 | 74 | Mar 2009 | PGA478 | Laptop |
| AMD A4-5150M APU | NA | 1864 | NA | 1098 | NA | 35 | 53 | Jul 2013 | FS1r2 | Laptop |
| Intel Atom E3950 @ 1.60GHz | NA | 1864 | NA | 675 | NA | 12 | 155 | Nov 2016 | BGA1296 | Laptop |
| Intel Pentium N3710 @ 1.60GHz | NA | 1863 | NA | 575 | NA | 6 | 310 | Mar 2016 | FCBGA1170 | Laptop |
| Intel Celeron 3867U @ 1.80GHz | $107.00* | 1862 | 17.41 | 1033 | 9.66 | 15 | 124 | May 2019 | FCBGA1356 | Laptop |
| Intel Pentium E6600 @ 3.06GHz | $100.00* | 1861 | 18.62 | 1241 | 12.42 | 65 | 28 | Nov 2010 | LGA775 | Desktop |
| Intel Pentium G6950 @ 2.80GHz | $39.99* | 1855 | 46.41 | 1113 | 27.85 | 73 | 25 | Jan 2010 | LGA1156 | Desktop |
| Intel Celeron J1900 @ 1.99GHz | NA | 1853 | NA | 534 | NA | 10 | 185 | Jan 2014 | FCBGA1170 | Desktop |
| Intel Pentium B960 @ 2.20GHz | $48.99* | 1851 | 37.80 | 1069 | 21.82 | 35 | 52 | Jan 2012 | PGA988 | Laptop |
| Intel Celeron N3450 @ 1.10GHz | $159.14 | 1850 | 11.63 | 728 | 4.58 | 6 | 308 | Dec 2016 | FCBGA1296 | Laptop |
| Intel Core2 Duo E8335 @ 2.66GHz | NA | 1846 | NA | 1082 | NA | NA | NA | Mar 2009 | Socket P | Laptop |
| AMD Phenom II N660 Dual-Core | $99.00* | 1844 | 18.64 | 971 | 9.81 | 35 | 52 | Jan 2011 | S1 | Laptop |
| AMD Opteron 2222 | $1,664.98* | 1843 | 1.11 | 950 | 0.57 | 95 | 19 | May 2013 | F (1207) | Server |
| AMD Athlon II X2 255 | $65.22* | 1842 | 28.25 | 1045 | 16.03 | 65 | 28 | Jan 2010 | AM3 | Desktop |
| Intel Xeon 3075 @ 2.66GHz | $349.95* | 1840 | 5.26 | 1061 | 3.03 | NA | NA | Feb 2011 | NA | Server |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Xeon W3550 @ 3.00GHz | $24.00* | 1836 | 76.50 | 1056 | 42.24 | 130 | 14 | Apr 2009 | LGA1366 | Server |
| AMD A6 Micro-6500T APU | NA | 1834 | NA | 699 | NA | NA | NA | Jan 2016 | NA | Laptop |
| AMD Phenom 9100e Quad-Core | $39.95* | 1833 | 45.89 | 624 | 15.64 | 65 | 28 | Feb 2009 | AM2+ | Desktop |
| Intel Pentium N3700 @ 1.60GHz | $444.78* | 1833 | 4.12 | 547 | 1.23 | 6 | 305 | Apr 2015 | FCBGA1170 | Laptop |
| Intel Atom x5-Z8550 @ 1.44GHz | NA | 1832 | NA | 552 | NA | 4 | 458 | Jul 2016 | UTFCBGA1380 | Laptop |
| AMD A4-4000 APU | $128.27* | 1831 | 14.28 | 1113 | 8.68 | 65 | 28 | May 2013 | FM2 | Desktop |
| AMD Phenom II P940 Quad-Core | NA | 1831 | NA | 501 | NA | 35 | 52 | Oct 2010 | S1 | Laptop |
| AMD A8-7050 | NA | 1824 | NA | 955 | NA | 15 | 121 | Jan 2016 | NA | Laptop |
| Intel Core i3-2377M @ 1.50GHz | NA | 1824 | NA | 722 | NA | 17 | 107 | Jul 2012 | BGA1023 | Laptop |
| AMD Phenom II X2 B57 | NA | 1823 | NA | 1069 | NA | 80 | 22 | May 2010 | NA | Unknown |
| Intel Xeon L5238 @ 2.66GHz | NA | 1823 | NA | NA | NA | 35 | 52 | Jun 2009 | LGA771 | Server |
| Intel Pentium 2127U @ 1.90GHz | $134.00* | 1813 | 13.54 | 983 | 7.34 | 17 | 106 | Aug 2013 | FCBGA1023 | Laptop |
| Intel Celeron 1005M @ 1.90GHz | NA | 1808 | NA | 994 | NA | 35 | 51 | Jul 2013 | FCPGA988 | Laptop |
| AMD Athlon X2 235e | NA | 1806 | NA | NA | NA | 45 | 40 | Jan 2010 | NA | Unknown |
| Intel Core2 Duo T9550 @ 2.66GHz | $298.95* | 1803 | 6.03 | 1021 | 3.42 | 35 | 51 | Feb 2009 | BGA479 | Laptop |
| Intel Pentium N3520 @ 2.16GHz | NA | 1803 | NA | 523 | NA | 7.5 | 240 | Jan 2014 | FCBGA1170 | Laptop |
| Intel Core2 Extreme X7800 @ 2.60GHz | NA | 1802 | NA | 992 | NA | 44 | 40 | May 2009 | PGA478 | Laptop |
| Intel Atom Z3795 @ 1.60GHz | NA | 1799 | NA | 519 | NA | 4 | 449 | Jun 2014 | UTFCBGA1380 | Laptop |
| AMD Athlon 64 FX-72 | NA | 1794 | NA | NA | NA | 125 | 14 | May 2009 | F (1207) | Desktop |
| Intel Celeron J3160 @ 1.60GHz | NA | 1792 | NA | 523 | NA | 6 | 298 | May 2016 | BGA1170 | Desktop |
| Intel Core2 Duo T9500 @ 2.60GHz | NA | 1792 | NA | 1042 | NA | 35 | 51 | Jan 2009 | BGA479 | Laptop |
| Intel Core2 Duo E8135 @ 2.66GHz | NA | 1789 | NA | 1081 | NA | NA | NA | Mar 2009 | Socket P | Laptop |
| AMD A9-9420e | NA | 1787 | NA | 1039 | NA | NA | NA | Apr 2018 | NA | Laptop |
| AMD Athlon 64 X2 Dual Core 6400+ | $259.95* | 1784 | 6.87 | 970 | 3.73 | 125 | 14 | Nov 2008 | AM2 | Desktop |
| Intel Core i3-330M @ 2.13GHz | $159.95* | 1784 | 11.16 | 754 | 4.71 | 35 | 50 | Jan 2010 | BGA1288 | Laptop |
| Intel Xeon 3070 @ 2.66GHz | $408.95* | 1784 | 4.36 | 1026 | 2.51 | 65 | 27 | May 2010 | LGA775 | Server |
| AMD Athlon II X2 B24 | $39.95 | 1783 | 44.64 | 1022 | 25.60 | 65 | 27 | Mar 2010 | AM3 | Desktop |
| Intel Core i3-2375M @ 1.50GHz | NA | 1775 | NA | 712 | NA | 17 | 104 | Jan 2013 | BGA1023 | Laptop |
| Intel Pentium J2850 @ 2.41GHz | NA | 1775 | NA | 542 | NA | 10 | 177 | May 2014 | FCBGA1170 | Desktop |
| Intel Xeon 3085 @ 3.00GHz | NA | 1772 | NA | 1097 | NA | 65 | 27 | Nov 2015 | LGA775 | Server |
| Intel Core2 Duo E7400 @ 2.80GHz | $28.99* | 1770 | 61.06 | 1142 | 39.43 | 65 | 27 | Dec 2008 | LGA775 | Desktop |
| Intel Pentium E6500 @ 2.93GHz | $157.95* | 1766 | 11.18 | 1191 | 7.54 | 65 | 27 | Nov 2009 | LGA775 | Desktop |
| AMD A6-9210 | NA | 1764 | NA | 1100 | NA | 15 | 117 | Jul 2016 | FP4 | Laptop |
| AMD Embedded G-Series GX-215JJ Radeon R2E | NA | 1764 | NA | 946 | NA | 10 | 176 | Sep 2017 | FP4 | Laptop |
| AMD Opteron 1222 | NA | 1757 | NA | 938 | NA | 103 | 17 | Jul 2010 | AM2 | Server |
| AMD Phenom X4 Quad-Core GP-9500 | NA | 1757 | NA | 619 | NA | 95 | 18 | Mar 2009 | AM2+ | Desktop |
| Intel Xeon W3503 @ 2.40GHz | $9.99* | 1757 | 175.95 | 998 | 99.95 | 130 | 13 | May 2009 | LGA1366 | Server |
| AMD Phenom II P860 Triple-Core | NA | 1756 | NA | 649 | NA | 35 | 50 | Jan 2011 | S1 | Laptop |
| Intel Core2 Duo P9600 @ 2.53GHz | $99.00* | 1754 | 17.72 | 1024 | 10.35 | 25 | 70 | Aug 2009 | PGA478 | Laptop |
| AMD Phenom X2 Dual-Core GE-7060 | NA | 1752 | NA | 1167 | NA | NA | NA | Mar 2013 | NA | Unknown |
| Intel Core2 Duo P9500 @ 2.53GHz | $998.99* | 1748 | 1.75 | 1001 | 1.00 | 25 | 69 | Dec 2008 | BGA479 | Laptop |
| AMD A6-9200 | NA | 1747 | NA | 984 | NA | 10 | 174 | Mar 2018 | BGA | Laptop |
| Intel Core i7-660UM @ 1.33GHz | NA | 1745 | NA | 800 | NA | 18 | 96 | Nov 2010 | BGA1288 | Laptop |
| Intel Core2 Duo P8800 @ 2.66GHz | $56.99* | 1740 | 30.55 | 1055 | 18.53 | 25 | 69 | Jul 2009 | BGA479 | Laptop |
| Intel Xeon 5150 @ 2.66GHz | $139.95* | 1740 | 12.44 | 1023 | 7.31 | 65 | 26 | Feb 2009 | LGA771 | Server |

## CPU Benchmarks ▼

| CPU Name | Price 1 | CPU Mark | CPU Value 2 | Thread Mark | Thread Value 3 | TDP (W) | Power Perf. 4 | Test Date 5 | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD Athlon II X2 255 | $35.95 | 1738 | 44.55 | 1001 | 25.73 | 65 | 26 | Jun 2009 | AM3 | Desktop |
| Intel Pentium E5700 @ 3.00GHz | $14.99* | 1737 | 115.94 | 1216 | 81.12 | 65 | 26 | Sep 2010 | LGA775 | Desktop |
| Intel Core2 Duo T9400 @ 2.53GHz | $44.95* | 1736 | 38.63 | 991 | 22.06 | 35 | 49 | Jan 2009 | BGA479 | Laptop |
| Intel Celeron 1037U @ 1.80GHz | NA | 1734 | NA | 955 | NA | 17 | 102 | Jul 2013 | FCBGA1023 | Laptop |
| Intel Core2 Duo E7300 @ 2.66GHz | $39.88* | 1727 | 43.32 | 1109 | 27.81 | 65 | 26 | Nov 2008 | LGA775 | Desktop |
| Intel Pentium B940 @ 2.00GHz | $29.94* | 1725 | 57.64 | 989 | 33.04 | 35 | 49 | Jun 2011 | PGA988 | Laptop |
| AMD Phenom II N640 Dual-Core | $64.95* | 1722 | 26.53 | 914 | 14.07 | 35 | 49 | Oct 2010 | S1 | Laptop |
| Intel Core i3-2340UE @ 1.30GHz | NA | 1719 | NA | 688 | NA | 17 | 101 | Jun 2014 | BGA-1023 | Laptop |
| AMD Sempron 3850 APU | $72.90 | 1718 | 23.57 | 512 | 7.03 | 25 | 68 | Apr 2014 | AM1,FS1b | Desktop |
| Intel Celeron N2940 @ 1.83GHz | NA | 1718 | NA | 500 | NA | 7.5 | 229 | Sep 2014 | FCBGA1170 | Laptop |
| Intel Celeron G530T @ 2.00GHz | NA | 1717 | NA | 1047 | NA | 35 | 49 | Jan 2011 | LGA1155 | Desktop |
| AMD Athlon II X2 B22 | $41.69* | 1715 | 41.16 | 968 | 23.23 | 65 | 26 | Jan 2010 | AM3 | Desktop |
| Intel Celeron B840 @ 1.90GHz | NA | 1715 | NA | 943 | NA | 35 | 49 | Dec 2011 | PGA988B | Laptop |
| AMD Athlon II X2 245e | $80.00* | 1714 | 21.43 | 952 | 11.91 | 45 | 38 | Mar 2011 | AM3 | Desktop |
| AMD Phenom II P840 Triple-Core | NA | 1713 | NA | 629 | NA | 35 | 48 | Oct 2010 | S1 | Laptop |
| Intel Pentium B950 @ 2.10GHz | NA | 1713 | NA | 991 | NA | 35 | 48 | Jun 2011 | PGA988 | Laptop |
| Intel Core2 Duo E6750 @ 2.66GHz | $10.30* | 1712 | 166.29 | 1005 | 97.58 | 65 | 26 | Nov 2008 | LGA775 | Desktop |
| AMD Athlon 7850 Dual-Core | $209.65* | 1710 | 8.16 | 955 | 4.56 | 95 | 18 | May 2009 | AM2+ | Desktop |
| Intel Core i7-680UM @ 1.47GHz | NA | 1710 | NA | 851 | NA | 18 | 95 | Feb 2011 | BGA1288 | Laptop |
| AMD Phenom II X2 B53 | NA | 1709 | NA | 949 | NA | 80 | 21 | Nov 2009 | AM3 | Desktop |
| Intel Core i3-2367M @ 1.40GHz | NA | 1708 | NA | 678 | NA | 17 | 100 | Oct 2011 | BGA1023 | Laptop |
| Intel Pentium E6300 @ 2.80GHz | $10.30* | 1705 | 165.55 | 1140 | 110.68 | 65 | 26 | Jun 2009 | LGA775 | Desktop |
| Intel Celeron U1900 @ 1.99GHz | NA | 1704 | NA | 459 | NA | NA | NA | Sep 2015 | NA | Unknown |
| Intel Celeron 3755U @ 1.70GHz | NA | 1702 | NA | 953 | NA | 15 | 113 | Jan 2015 | FCBGA1168 | Laptop |
| AMD Opteron 2220 | $79.95 | 1701 | 21.29 | 851 | 10.65 | 95 | 17 | Apr 2009 | F (1207) | Server |
| Intel Core i3-3229Y @ 1.40GHz | NA | 1700 | NA | 693 | NA | 13 | 130 | Jan 2013 | BGA1023 | Desktop |
| AMD Athlon II X2 240e | $34.95* | 1697 | 48.58 | 957 | 27.41 | 45 | 37 | Dec 2009 | AM3 | Desktop |
| AMD Phenom X2 Dual-Core GE-4060 | NA | 1697 | NA | NA | NA | NA | NA | Sep 2010 | NA | Unknown |
| AMD Athlon X2 250 | NA | 1696 | NA | 991 | NA | 65 | 26 | Jun 2009 | NA | Unknown |
| Intel Atom x5-Z8500 @ 1.44GHz | $62.57* | 1692 | 27.05 | 505 | 8.07 | 4 | 423 | Aug 2015 | UTFCBGA1380 | Laptop |
| Intel Core2 Duo E6700 @ 2.66GHz | $29.99* | 1692 | 56.45 | 996 | 33.24 | 65 | 26 | Jan 2010 | LGA775 | Desktop |
| Intel Core2 Extreme X7900 @ 2.80GHz | NA | 1688 | NA | 978 | NA | 44 | 38 | Mar 2009 | PGA478 | Laptop |
| Intel Core2 Duo X7360 @ 2.53GHz | NA | 1687 | NA | NA | NA | NA | NA | Feb 2010 | NA | Unknown |
| AMD Phenom II N620 Dual-Core | $3.99* | 1686 | 422.70 | 916 | 229.59 | 35 | 48 | Jun 2010 | S1 | Laptop |
| Intel Core i3-2365M @ 1.40GHz | NA | 1682 | NA | 679 | NA | 17 | 98 | Jan 2012 | BGA1023 | Laptop |
| AMD Phenom 8600 Triple-Core | $52.99* | 1675 | 31.62 | 772 | 14.58 | 95 | 17 | Feb 2009 | AM2+ | Desktop |
| Intel Core2 Duo SP9400 @ 2.40GHz | $284.00* | 1675 | 5.90 | 973 | 3.43 | 25 | 67 | Mar 2009 | BGA956 | Laptop |
| Intel Core2 Duo T9300 @ 2.50GHz | $57.99* | 1675 | 28.89 | 980 | 16.91 | 35 | 47 | Dec 2008 | BGA479 | Laptop |
| AMD Athlon X2 240e | NA | 1670 | NA | 938 | NA | 45 | 37 | Jul 2011 | NA | Unknown |
| AMD Turion II Ultra Dual-Core Mobile M640 | NA | 1670 | NA | 915 | NA | 35 | 47 | Nov 2009 | S1 | Laptop |
| Intel Celeron N3160 @ 1.60GHz | $279.99 | 1669 | 5.96 | 494 | 1.77 | 6 | 278 | Jun 2016 | FCBGA1170 | Laptop |
| Intel Core i5-560UM @ 1.33GHz | NA | 1669 | NA | 880 | NA | 18 | 92 | Jan 2011 | BGA1288 | Laptop |
| AMD Phenom 8250 Triple-Core | NA | 1668 | NA | 642 | NA | 65 | 25 | Sep 2009 | NA | Desktop |
| Intel Celeron 1000M @ 1.80GHz | NA | 1668 | NA | 935 | NA | 35 | 47 | Mar 2013 | FCPGA988 | Laptop |
| AMD A6-7000 | NA | 1667 | NA | 910 | NA | 17 | 98 | Feb 2015 | FP3 | Laptop |
| Intel Celeron G1101 @ 2.27GHz | $19.77* | 1667 | 84.34 | 910 | 46.04 | 73 | 22 | Apr 2011 | FCLGA1156 | Desktop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Pentium 3558U @ 1.70GHz | NA | 1666 | NA | 933 | NA | 15 | 111 | Jul 2014 | FCBGA1168 | Laptop |
| Intel Celeron N3150 @ 1.60GHz | NA | 1665 | NA | 474 | NA | 6 | 277 | Jul 2015 | FCBGA1170 | Laptop |
| AMD A4-3420 APU | NA | 1664 | NA | 929 | NA | 65 | 25 | Jan 2012 | FM1 | Desktop |
| AMD QC-4000 | NA | 1663 | NA | 505 | NA | 15 | 110 | Jun 2015 | FT3 | Laptop |
| Intel Celeron 3855U @ 1.60GHz | NA | 1663 | NA | 873 | NA | 15 | 110 | Mar 2016 | FCBGA1356 | Laptop |
| AMD Athlon II X2 245 | $34.95* | 1661 | 47.54 | 953 | 27.28 | 65 | 25 | Jul 2009 | AM2+/AM3 | Desktop |
| AMD Opteron 1220 | NA | 1661 | NA | 885 | NA | 103 | 16 | Sep 2009 | AM2 | Server |
| Intel Pentium 3556U @ 1.70GHz | NA | 1661 | NA | 932 | NA | 15 | 110 | Dec 2013 | BGA1168 | Laptop |
| Intel Celeron N2930 @ 1.83GHz | NA | 1659 | NA | 474 | NA | 7.5 | 221 | Jun 2014 | FCBGA1170 | Laptop |
| AMD Athlon II X2 235e | $181.88* | 1658 | 9.12 | 916 | 5.04 | 45 | 36 | Oct 2009 | AM3 | Desktop |
| Intel Pentium 2117U @ 1.80GHz | $134.00* | 1656 | 12.36 | 908 | 6.78 | 17 | 97 | Mar 2013 | FCBGA1023 | Laptop |
| Intel Celeron 3215U @ 1.70GHz | NA | 1652 | NA | 918 | NA | 15 | 110 | Mar 2016 | FCBGA1168 | Laptop |
| AMD E2-9000 | NA | 1646 | NA | 924 | NA | 10 | 164 | May 2017 | NA | Laptop |
| AMD E2-3800 APU | NA | 1645 | NA | 501 | NA | 15 | 109 | Feb 2014 | FT3 | Laptop |
| AMD A6-4400M APU | $7.99* | 1644 | 205.82 | 992 | 124.16 | 35 | 46 | Apr 2012 | FS1r2 | Laptop |
| AMD Athlon II X2 240 | $34.95 | 1644 | 47.04 | 939 | 26.88 | 65 | 25 | Aug 2009 | AM3 | Desktop |
| Intel Core i7-640UM @ 1.20GHz | NA | 1638 | NA | 803 | NA | 18 | 91 | Jun 2010 | BGA1288 | Laptop |
| Intel Pentium E5500 @ 2.80GHz | $25.99* | 1637 | 62.99 | 1132 | 43.59 | 65 | 25 | Jun 2010 | LGA775 | Desktop |
| AMD E2-9010 | NA | 1636 | NA | 939 | NA | 15 | 109 | Jan 2017 | FP4 | Laptop |
| Intel Xeon 5140 @ 2.33GHz | $24.99* | 1636 | 65.49 | 892 | 35.73 | 65 | 25 | Mar 2009 | LGA771 | Server |
| AMD Phenom 8250e Triple-Core | $46.99* | 1635 | 34.81 | 631 | 13.44 | 65 | 25 | Aug 2009 | 940 | Desktop |
| AMD Athlon II X2 220 | $32.19 | 1634 | 50.79 | 933 | 29.01 | 65 | 25 | Jun 2010 | AM3 | Desktop |
| AMD Athlon II X2 4400e | NA | 1632 | NA | 921 | NA | 37 | 44 | Sep 2009 | NA | Unknown |
| AMD Phenom 8400 Triple-Core | NA | 1632 | NA | 717 | NA | 95 | 17 | Mar 2009 | AM2+ | Desktop |
| AMD Athlon X2 255 | NA | 1627 | NA | 959 | NA | 65 | 25 | Jan 2012 | AM2+/AM3 | Unknown |
| Intel Core2 Duo E7200 @ 2.53GHz | $49.00* | 1625 | 33.17 | 1046 | 21.37 | 65 | 25 | Dec 2008 | LGA775 | Desktop |
| Intel Core2 Duo P8700 @ 2.53GHz | $37.99* | 1623 | 42.73 | 993 | 26.16 | 25 | 64 | Mar 2009 | BGA479 | Laptop |
| Intel Celeron J1850 @ 1.99GHz | NA | 1617 | NA | 449 | NA | 10 | 161 | Oct 2013 | FCBGA1170 | Desktop |
| AMD A6 PRO-7050B APU | NA | 1616 | NA | 864 | NA | 17 | 95 | Sep 2014 | FP3 | Laptop |
| AMD A4-4300M APU | $39.86 | 1614 | 40.52 | 980 | 24.61 | 35 | 46 | May 2012 | FS1 | Laptop |
| Athlon 64 Dual Core 5400+ | NA | 1614 | NA | NA | NA | 89 | 18 | Mar 2011 | NA | Unknown |
| AMD Athlon X2 240 | NA | 1611 | NA | 939 | NA | 65 | 24 | Aug 2009 | NA | Unknown |
| AMD A6-9220e | NA | 1609 | NA | 900 | NA | NA | NA | Feb 2018 | NA | Laptop |
| Intel Celeron 3965Y @ 1.50GHz | $107.00* | 1607 | 15.03 | 763 | 7.13 | 6 | 267 | Apr 2018 | FCBGA1515 | Laptop |
| Intel Celeron 2002E @ 1.50GHz | $86.00* | 1605 | 18.67 | 894 | 10.41 | 25 | 64 | Nov 2018 | FCBGA1364 | Laptop |
| Intel Pentium A1018 @ 2.10GHz | NA | 1605 | NA | 906 | NA | 35 | 45 | Aug 2014 | FCPGA988 | Laptop |
| AMD Athlon 64 X2 Dual Core 6000+ | $45.95 | 1602 | 34.87 | 899 | 19.57 | 89 | 18 | Nov 2008 | AM2 | Desktop |
| AMD Phenom II P820 Triple-Core | NA | 1602 | NA | 590 | NA | 25 | 64 | Jul 2010 | S1 | Laptop |
| Intel Core2 Duo T7800 @ 2.60GHz | $607.99* | 1601 | 2.63 | 957 | 1.57 | 35 | 45 | Mar 2009 | BGA479 | Laptop |
| Intel Xeon 5133 @ 2.20GHz | NA | 1598 | NA | 862 | NA | 40 | 39 | Nov 2013 | LGA771 | Server |
| Intel Pentium E5400 @ 2.70GHz | $17.76 | 1597 | 89.95 | 1092 | 61.49 | 65 | 24 | Apr 2009 | LGA775 | Desktop |
| AMD Opteron 2218 | $79.95 | 1594 | 19.94 | 755 | 9.45 | 95 | 16 | Mar 2009 | F (1207) | Server |
| AMD A4-3400 APU | $87.95 | 1593 | 18.12 | 903 | 10.27 | 65 | 24 | Sep 2011 | FM1 | Desktop |
| Intel Celeron 2980U @ 1.60GHz | NA | 1593 | NA | 932 | NA | 15 | 106 | Sep 2014 | FCBGA1168 | Laptop |
| Intel Xeon 5148 @ 2.33GHz | $13.13* | 1590 | 121.17 | 899 | 68.53 | 40 | 39 | Jan 2010 | LGA771 | Server |
| AMD Phenom II P650 Dual-Core | $35.00* | 1579 | 45.12 | 859 | 24.55 | 35 | 45 | Feb 2011 | S1 | Laptop |
| AMD R-260H APU | NA | 1576 | NA | 851 | NA | 17 | 92 | Jan 2017 | BGA827 (FP2) | Laptop |
| AMD Athlon 64 FX-62 Dual Core | NA | 1573 | NA | 862 | NA | 125 | 12 | Feb 2009 | AM2 | Desktop |
| AMD Athlon 7750 Dual-Core | $152.99* | 1571 | 10.27 | 898 | 5.87 | 95 | 16 | Jan 2009 | AM2+ | Desktop |
| Intel Atom x5-E8000 @ 1.04GHz | NA | 1568 | NA | 464 | NA | 5 | 313 | Apr 2016 | FCBGA1170 | Laptop |

## ⌂ CPU Benchmarks ▼

| CPU Name | Price | CPU Mark | CPU Value | Thread Mark | Thread Value | TDP (W) | Power Perf. | Test Date | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| ⊞ AMD Turion II N530 Dual-Core | $35.88 | 1567 | 52.24 | 859 | 28.08 | 35 | 44 | Jan 2013 | S1 | Laptop |
| ⊞ AMD Athlon II X2 215 | $11.99* | 1566 | 130.61 | 906 | 75.57 | 65 | 24 | Sep 2009 | AM3 | Desktop |
| ⊞ Intel Core2 Duo P9300 @ 2.26GHz | NA | 1564 | NA | 897 | NA | NA | NA | Mar 2009 | NA | Laptop |
| ⊞ AMD Athlon II N370 Dual-Core | NA | 1559 | NA | 800 | NA | 35 | 44 | May 2012 | S1g4 | Unknown |
| ⊞ Intel Core i3-2357M @ 1.30GHz | NA | 1556 | NA | 628 | NA | 17 | 91 | Jul 2011 | NA | Laptop |
| ⊞ Intel Core2 Duo E6600 @ 2.40GHz | $14.99* | 1554 | 103.69 | 907 | 60.52 | 65 | 23 | Nov 2008 | PLGA775 | Desktop |
| ⊞ Intel Celeron J4005 @ 2.00GHz | $185.94 | 1552 | 8.35 | 1148 | 6.18 | 10 | 155 | Feb 2018 | FCBGA1090 | Desktop |
| ⊞ AMD A4 Micro-6400T APU | NA | 1551 | NA | 584 | NA | 4.5 | 344 | Nov 2014 | FT3b | Laptop |
| ⊞ Athlon 64 Dual Core 5600+ | NA | 1548 | NA | 886 | NA | 65 | 23 | Feb 2010 | AM2 | Desktop |
| ⊞ AMD Athlon X2 215 | NA | 1543 | NA | 922 | NA | 65 | 23 | Nov 2010 | NA | Unknown |
| ⊞ Intel Pentium E5300 @ 2.60GHz | $43.31 | 1540 | 35.57 | 1049 | 24.24 | 65 | 23 | Apr 2009 | LGA775 | Desktop |
| ⊞ AMD A4-9120C | NA | 1539 | NA | 738 | NA | 6 | 256 | Aug 2019 | FT4 | Laptop |
| ⊞ AMD A6-1450 APU | NA | 1539 | NA | 503 | NA | 8 | 192 | May 2013 | FT3 | Laptop |
| ⊞ Intel Core2 Duo P8600 @ 2.40GHz | $49.18* | 1536 | 31.24 | 943 | 19.18 | 25 | 61 | Dec 2008 | BGA479 | Laptop |
| ⊞ AMD Sempron X2 190 | $83.44* | 1534 | 18.39 | 867 | 10.40 | 45 | 34 | Jun 2012 | AM2+/AM3 | Unknown |
| ⊞ AMD Turion II Ultra Dual-Core Mobile M660 | NA | 1533 | NA | 898 | NA | 35 | 43 | Mar 2010 | S1 | Laptop |
| ⊞ AMD Athlon II X2 225 | NA | 1526 | NA | NA | NA | 65 | 23 | Jun 2012 | AM2+/AM3 | Unknown |
| ⊞ AMD Turion II N550 Dual-Core | NA | 1521 | NA | 781 | NA | 35 | 43 | Mar 2011 | S1 | Laptop |
| ⊞ Intel Xeon 3065 @ 2.33GHz | $20.90* | 1520 | 72.77 | 863 | 41.30 | 65 | 23 | May 2009 | LGA775 | Server |
| ⊞ Intel Pentium N3510 @ 1.99GHz | NA | 1519 | NA | 430 | NA | 7.5 | 202 | Dec 2013 | FCBGA1170 | Laptop |
| ⊞ AMD Opteron 2216 | $26.80 | 1518 | 56.64 | NA | NA | 95 | 15 | Apr 2009 | F (1207) | Server |
| ⊞ Intel Core2 Duo P7550 @ 2.26GHz | $229.99* | 1518 | 6.60 | 894 | 3.89 | 25 | 60 | Jun 2009 | PGA478 | Laptop |
| ⊞ Intel Xeon 3060 @ 2.40GHz | $22.99* | 1518 | 66.07 | 852 | 37.08 | 65 | 23 | Jul 2009 | LGA775 | Server |
| ⊞ AMD Athlon 64 X2 Dual Core 5800+ | $24.99* | 1516 | 60.68 | 884 | 35.40 | 89 | 17 | Jan 2009 | NA | Desktop |
| ⊞ AMD E2-9030 | NA | 1515 | NA | 971 | NA | NA | NA | Jan 2019 | BGA (FT4) | Desktop |
| ⊞ Intel Celeron N2920 @ 1.86GHz | NA | 1515 | NA | 435 | NA | 7.5 | 202 | Jan 2014 | FCBGA1170 | Laptop |
| ⊞ AMD Turion II P560 Dual-Core | NA | 1513 | NA | 825 | NA | 25 | 60 | Jan 2011 | S1 | Laptop |
| ⊞ Intel Celeron B830 @ 1.80GHz | NA | 1513 | NA | 863 | NA | 35 | 43 | Jan 2012 | rPGA988B | Laptop |
| ⊞ Athlon 64 Dual Core 5000+ | NA | 1507 | NA | 802 | NA | 89 | 16 | Mar 2009 | NA | Desktop |
| ⊞ AMD Athlon II X2 4450e | NA | 1504 | NA | 934 | NA | 45 | 33 | Sep 2010 | AM2 | Desktop |
| ⊞ Intel Atom E3845 @ 1.91GHz | NA | 1504 | NA | 413 | NA | 10 | 150 | May 2014 | FCBGA1170 | Desktop |
| ⊞ Intel Celeron 1017U @ 1.60GHz | NA | 1504 | NA | 833 | NA | 17 | 88 | Jul 2013 | FCBGA1023 | Laptop |
| ⊞ AMD A4-3300 APU | $12.99 | 1502 | 115.65 | 836 | 64.37 | 65 | 23 | Nov 2011 | FM1 | Desktop |
| ⊞ AMD PRO A4-4350B | NA | 1502 | NA | 824 | NA | 15 | 100 | Nov 2019 | FT4 | Laptop |
| ⊞ AMD GX-412HC | NA | 1497 | NA | 473 | NA | 7 | 213 | Jan 2015 | FT3b | Laptop |
| ⊞ Intel Core2 Duo E6550 @ 2.33GHz | $14.95* | 1497 | 100.17 | 882 | 59.06 | 65 | 23 | Nov 2008 | LGA775 | Desktop |
| ⊞ AMD Athlon 64 FX-74 | $499.50* | 1495 | 2.99 | 949 | 1.90 | 125 | 11 | Mar 2009 | F (1207) | Desktop |
| ⊞ Intel Celeron 3205U @ 1.50GHz | $287.04* | 1495 | 5.21 | 805 | 2.81 | 15 | 99 | Apr 2015 | FCBGA1168 | Laptop |
| ⊞ Intel Core2 Duo E8135 @ 2.40GHz | NA | 1490 | NA | 961 | NA | NA | NA | Apr 2009 | NA | Unknown |
| ⊞ AMD Athlon II X2 210e | NA | 1486 | NA | 904 | NA | 45 | 33 | Dec 2010 | AM3 | Desktop |
| ⊞ Intel Pentium E5200 @ 2.50GHz | $60.00 | 1486 | 24.77 | 1015 | 16.93 | 65 | 22 | May 2009 | LGA775 | Desktop |
| ⊞ AMD Athlon 64 X2 Dual Core 5600+ | $179.95 | 1485 | 8.25 | 849 | 4.72 | 89 | 16 | Nov 2008 | AM2 | Desktop |
| ⊞ AMD Athlon II X2 4300e | NA | 1483 | NA | 902 | NA | 13 | 114 | Jan 2012 | NA | Unknown |
| ⊞ Intel Core2 Duo E4700 @ 2.60GHz | $26.99* | 1481 | 54.89 | 975 | 36.13 | 65 | 22 | Dec 2008 | LGA775 | Desktop |
| ⊞ AMD A6-5345M APU | NA | 1476 | NA | 862 | NA | 17 | 86 | Apr 2014 | FP2 | Laptop |
| ⊞ AMD Athlon 7550 Dual-Core | $60.00* | 1472 | 24.54 | 846 | 14.10 | 95 | 15 | May 2009 | AM2+ | Desktop |
| ⊞ Intel Core2 Duo T8300 @ 2.40GHz | $108.95* | 1471 | 13.51 | 936 | 8.59 | 35 | 42 | Dec 2008 | BGA479 | Laptop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD Opteron 265 | $70.00* | 1476 | 10.33 | 762 | 5.78 | 55 | 18 | Apr 2009 | 940 | Server |
| AMD Opteron 1218 | NA | 1468 | NA | 800 | NA | 103 | 14 | May 2010 | AM2 | Server |
| AMD Opteron 290 | $135.00* | 1464 | 10.85 | 876 | 6.49 | 95 | 15 | Jun 2009 | 940 | Server |
| Intel Core2 Duo P7570 @ 2.26GHz | NA | 1455 | NA | 922 | NA | 25 | 58 | Oct 2009 | PGA478 | Laptop |
| AMD TurionX2 Ultra DualCore Mobile ZM-85 | NA | 1454 | NA | 624 | NA | 35 | 41 | Feb 2014 | S1 | Laptop |
| Intel Celeron E3500 @ 2.70GHz | $39.99* | 1454 | 36.37 | 1056 | 26.42 | 65 | 22 | Mar 2011 | LGA775 | Desktop |
| Intel Core2 Duo P8400 @ 2.26GHz | $297.01* | 1452 | 4.89 | 903 | 3.04 | 25 | 58 | Dec 2008 | BGA479 | Laptop |
| AMD Athlon 64 X2 Dual Core 5400+ | $52.99* | 1451 | 27.38 | 846 | 15.97 | 65 | 22 | Nov 2008 | AM2 | Desktop |
| Intel Core2 Duo E6540 @ 2.33GHz | NA | 1451 | NA | 908 | NA | 65 | 22 | May 2009 | LGA775 | Desktop |
| AMD Athlon 7450 Dual-Core | NA | 1449 | NA | 808 | NA | 95 | 15 | Apr 2009 | AM2+ | Desktop |
| AMD Opteron 1218 HE | NA | 1444 | NA | NA | NA | 65 | 22 | Aug 2010 | AM2 | Server |
| Intel Celeron E3400 @ 2.60GHz | $610.00* | 1440 | 2.36 | 1038 | 1.70 | 65 | 22 | Mar 2010 | LGA775 | Desktop |
| AMD Phenom X2 Dual-Core GP-7730 | NA | 1435 | NA | 958 | NA | NA | NA | Mar 2009 | NA | Unknown |
| AMD Turion II Ultra Dual-Core Mobile M620 | NA | 1435 | NA | 807 | NA | 35 | 41 | Feb 2010 | S1 | Laptop |
| Intel Celeron 2957U @ 1.40GHz | NA | 1433 | NA | 797 | NA | 15 | 95 | Apr 2014 | FCBGA1168 | Laptop |
| AMD Turion II P540 Dual-Core | $49.95* | 1432 | 28.67 | 769 | 15.40 | 35 | 40 | Sep 2010 | S1 | Laptop |
| Intel Celeron B820 @ 1.70GHz | $39.29* | 1430 | 36.42 | 826 | 21.04 | 35 | 40 | Jul 2012 | PGA988B | Laptop |
| Intel Celeron N4000 @ 1.10GHz | $107.00* | 1430 | 13.37 | 1064 | 9.95 | 6 | 238 | Apr 2018 | FCBGA1090 | Laptop |
| Intel Core2 Duo T7700 @ 2.40GHz | $139.95* | 1425 | 10.18 | 843 | 6.03 | 35 | 40 | Nov 2008 | BGA479 | Laptop |
| AMD Athlon X2 440 | NA | 1424 | NA | NA | NA | NA | NA | Aug 2009 | NA | Unknown |
| AMD Athlon Dual Core 5400B | NA | 1420 | NA | 842 | NA | 65 | 21 | Jun 2009 | AM2 | Desktop |
| Intel Core2 Duo P7450 @ 2.13GHz | $39.99* | 1416 | 35.43 | 832 | 20.82 | 25 | 56 | Feb 2009 | PGA478 | Laptop |
| AMD Opteron 2214 HE | NA | 1415 | NA | NA | NA | 68 | 20 | Sep 2009 | F (1207) | Server |
| AMD Sempron X2 198 Dual-Core | NA | 1413 | NA | 851 | NA | 65 | 21 | May 2015 | FM1 | Desktop |
| Intel Celeron 2955U @ 1.40GHz | NA | 1413 | NA | 777 | NA | 15 | 94 | Oct 2013 | FCBGA1168 | Laptop |
| AMD Turion II Ultra Dual-Core Mobile M600 | $26.76* | 1406 | 52.55 | 792 | 29.62 | 35 | 40 | Oct 2009 | S1 | Laptop |
| Intel Xeon E5205 @ 1.86GHz | $14.27 | 1401 | 98.21 | 755 | 52.95 | 65 | 21 | Jan 2012 | LGA771 | Server |
| Intel Celeron B810 @ 1.60GHz | NA | 1399 | NA | 791 | NA | 35 | 39 | Oct 2011 | PGA988B | Laptop |
| AMD Opteron 2220 SE | $25.00* | 1398 | 55.92 | 798 | 31.92 | 119 | 11 | Sep 2009 | F (1207) | Server |
| Intel Pentium 997 @ 1.60GHz | NA | 1395 | NA | 774 | NA | 17 | 82 | Nov 2012 | BGA-1023 | Unknown |
| AMD Athlon Dual Core 4850B | NA | 1391 | NA | 767 | NA | 45 | 30 | Oct 2010 | AM2+ | Desktop |
| AMD Sempron X2 180 | $69.40* | 1391 | 20.05 | 766 | 11.05 | 45 | 30 | Dec 2011 | NA | Unknown |
| Intel Celeron 1007U @ 1.50GHz | $184.99* | 1389 | 7.51 | 763 | 4.13 | 17 | 81 | Feb 2013 | FCBGA1023 | Laptop |
| Intel Celeron E3300 @ 2.50GHz | $31.99 | 1389 | 43.44 | 994 | 31.10 | 65 | 21 | Sep 2009 | LGA775 | Desktop |
| Intel Celeron 2981U @ 1.60GHz | NA | 1383 | NA | 758 | NA | 15 | 92 | Nov 2016 | BGA1168 | Laptop |
| Intel Core2 Duo E4600 @ 2.40GHz | $157.95* | 1383 | 8.76 | 888 | 5.63 | 65 | 21 | Dec 2008 | LGA775 | Desktop |
| AMD Athlon 64 X2 Dual Core 5200+ | $60.00 | 1382 | 23.04 | 809 | 13.49 | 65 | 21 | Nov 2008 | AM2 | Desktop |
| Intel Celeron E3200 @ 2.40GHz | $51.99* | 1382 | 26.59 | 970 | 18.66 | 65 | 21 | Aug 2009 | LGA775 | Desktop |
| AMD E2-3200 APU | $7.99* | 1381 | 172.96 | 779 | 97.53 | 65 | 21 | Dec 2011 | FM1 | Desktop |
| Intel Xeon E5503 @ 2.00GHz | $287.01* | 1381 | 4.81 | 811 | 2.83 | 80 | 17 | Jun 2010 | LGA1366 | Server |
| Intel Core2 Duo T7600 @ 2.33GHz | NA | 1378 | NA | 833 | NA | 34 | 40 | Dec 2008 | PBGA479, PPGA478 | Laptop |
| Intel Xeon E5502 @ 1.87GHz | $95.00* | 1378 | 14.51 | 779 | 8.20 | 80 | 17 | Jun 2009 | LGA1366 | Server |
| Intel Core i5-540UM @ 1.20GHz | NA | 1375 | NA | 720 | NA | 18 | 76 | Feb 2011 | BGA1288 | Laptop |
| Intel Pentium P6300 @ 2.27GHz | NA | 1372 | NA | 835 | NA | 35 | 39 | May 2011 | PGA988 | Laptop |
| Athlon 64 Dual Core 4800+ | NA | 1370 | NA | NA | NA | 110 | 12 | Oct 2010 | AM2 | Desktop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Xeon 3100 @ 2.00GHz | $49.95* | 1366 | 27.35 | 795 | 15.93 | 65 | 21 | Feb 2009 | LGA775 | Server |
| Intel Celeron B815 @ 1.60GHz | NA | 1365 | NA | 795 | NA | 35 | 39 | Jan 2012 | PGA988B | Laptop |
| VIA QuadCore L4700 @ 1.2+ GHz | NA | 1363 | NA | 364 | NA | 27.5 | 49 | Jun 2013 | NA | Laptop |
| AMD Turion II P520 Dual-Core | NA | 1360 | NA | 762 | NA | 25 | 54 | Jun 2010 | S1 | Laptop |
| Intel Core2 Duo T6670 @ 2.20GHz | NA | 1360 | NA | 865 | NA | 35 | 38 | Jul 2009 | PGA478 | Laptop |
| Intel Core2 Duo E6420 @ 2.13GHz | $49.99* | 1359 | 27.20 | 807 | 16.15 | 65 | 20 | Nov 2008 | PLGA775 | Desktop |
| Intel Core2 Duo T6600 @ 2.20GHz | $18.90* | 1359 | 71.91 | 842 | 44.56 | 35 | 38 | Feb 2009 | PGA478 | Laptop |
| AMD Opteron 2214 | $29.00* | 1358 | 46.85 | NA | NA | 95 | 14 | Apr 2009 | F (1207) | Server |
| AMD Turion II Neo N54L Dual-Core | NA | 1357 | NA | 710 | NA | 25 | 54 | Oct 2011 | BGA812 | Laptop |
| Intel Pentium P6200 @ 2.13GHz | $44.95* | 1350 | 30.05 | 817 | 18.18 | 35 | 38 | Dec 2010 | PGA988 | Laptop |
| Intel Core i5-520UM @ 1.07GHz | NA | 1348 | NA | 640 | NA | 18 | 74 | Jun 2010 | BGA1288 | Laptop |
| Athlon Dual Core 4850e | NA | 1346 | NA | 765 | NA | 45 | 29 | Apr 2009 | AM2 | Desktop |
| Intel Core2 Duo L9600 @ 2.13GHz | NA | 1346 | NA | 791 | NA | 17 | 79 | Oct 2009 | BGA956 | Laptop |
| AMD Athlon Dual Core 5050e | $60.00* | 1345 | 22.43 | 784 | 13.08 | 45 | 29 | Feb 2009 | AM2 | Desktop |
| AMD Opteron 185 | NA | 1342 | NA | 801 | NA | 110 | 12 | Jan 2009 | 939 | Server |
| Intel Core i5-430UM @ 1.20GHz | NA | 1341 | NA | 612 | NA | 18 | 74 | Jun 2010 | BGA1288 | Laptop |
| AMD Turion II Dual-Core Mobile M540 | NA | 1338 | NA | 807 | NA | 35 | 38 | Aug 2011 | S1 | Laptop |
| Intel Xeon L3406 @ 2.27GHz | $277.01* | 1338 | 4.83 | 601 | 2.17 | 30 | 44 | Jan 2010 | LGA1156 | Server |
| Intel Pentium T4500 @ 2.30GHz | NA | 1332 | NA | 883 | NA | 35 | 38 | Feb 2010 | PGA478 | Laptop |
| Intel Core2 Extreme X7850 @ 2.80GHz | NA | 1331 | NA | NA | NA | NA | NA | Mar 2009 | NA | Unknown |
| Intel Pentium E2220 @ 2.40GHz | $85.99* | 1331 | 15.48 | 897 | 10.43 | 65 | 20 | Jan 2009 | LGA775 | Desktop |
| Intel Celeron P4600 @ 2.00GHz | NA | 1328 | NA | 814 | NA | 35 | 37 | Feb 2011 | PGA988A | Laptop |
| Intel Pentium P6100 @ 2.00GHz | $28.44* | 1327 | 46.67 | 790 | 27.80 | 35 | 37 | Sep 2010 | PGA988 | Laptop |
| Intel Core i7-620UM @ 1.07GHz | NA | 1323 | NA | 589 | NA | 18 | 73 | Mar 2010 | BGA1288 | Laptop |
| AMD Athlon II P360 Dual-Core | $24.00* | 1318 | 54.93 | 753 | 31.38 | 25 | 52 | Feb 2011 | S1g4 | Unknown |
| AMD Athlon Dual Core 5200B | NA | 1316 | NA | 818 | NA | 65 | 20 | Apr 2009 | AM2 | Desktop |
| AMD Athlon Dual Core 4850e | $39.00* | 1315 | 33.74 | 752 | 19.30 | 45 | 29 | Feb 2009 | AM2 | Desktop |
| AMD E2-9000e | NA | 1315 | NA | 723 | NA | 6 | 219 | Jul 2017 | NA | Laptop |
| AMD Athlon 64 X2 Dual Core 5000+ | $331.49* | 1314 | 3.96 | 782 | 2.36 | 65 | 20 | Dec 2008 | AM2 | Desktop |
| AMD Opteron 1216 | $54.85* | 1311 | 23.91 | 719 | 13.11 | 103 | 12 | Feb 2009 | AM2 | Server |
| Intel Core2 Duo P7370 @ 2.00GHz | NA | 1311 | NA | 823 | NA | 25 | 52 | Dec 2008 | PGA478 | Laptop |
| AMD Athlon Dual Core 5000B | $95.00* | 1308 | 13.77 | 783 | 8.25 | 65 | 20 | May 2009 | AM2 | Desktop |
| AMD Opteron 1212 HE | NA | 1308 | NA | NA | NA | 65 | 20 | Mar 2012 | AM2 | Server |
| AMD Turion II Dual-Core Mobile M520 | $69.10* | 1306 | 18.91 | 739 | 10.70 | 35 | 37 | Oct 2009 | S1 | Laptop |
| AMD Athlon Dual Core 5600B | NA | 1304 | NA | 895 | NA | 65 | 20 | Mar 2012 | AM2+ | Desktop |
| Intel Xeon 3050 @ 2.13GHz | $157.95* | 1300 | 8.23 | 803 | 5.09 | 65 | 20 | Feb 2009 | LGA775 | Server |
| AMD Opteron 1214 HE | NA | 1299 | NA | 674 | NA | 65 | 19 | Nov 2015 | AM2 | Server |
| Intel Celeron G470 @ 2.00GHz | NA | 1298 | NA | 1015 | NA | 35 | 37 | Mar 2014 | LGA1155 | Desktop |
| Intel Core2 Duo T8100 @ 2.10GHz | $999.99* | 1298 | 1.30 | 829 | 0.83 | 35 | 37 | Dec 2008 | BGA479 | Laptop |
| AMD Turion X2 Ultra Dual-Core Mobile ZM-86 | $55.00* | 1295 | 23.56 | 635 | 11.56 | 35 | 37 | Apr 2009 | S1 | Laptop |
| AMD Turion II Dual-Core Mobile M500 | NA | 1294 | NA | 742 | NA | 35 | 36 | Oct 2009 | S1 | Laptop |
| AMD Athlon 5000 Dual-Core | $119.95* | 1292 | 10.78 | 746 | 6.22 | 65 | 19 | Oct 2009 | AM2,AM2+ | Desktop |
| AMD Opteron 275 | $82.05* | 1291 | 15.74 | 685 | 8.35 | 95 | 13 | Dec 2008 | 940 | Server |
| Intel Celeron 877 @ 1.40GHz | NA | 1291 | NA | 714 | NA | 17 | 75 | Jun 2012 | BGA1023 | Laptop |

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| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Core2 Duo T7600 @ 2.00GHz | $49.99* | 1289 | 31.54 | 788 | 35.25 | 35 | 37 | Dec 2009 | BGA479 | Laptop |
| Intel Core2 Duo E6400 @ 2.13GHz | $29.95* | 1288 | 43.01 | 803 | 26.82 | 65 | 19 | Mar 2009 | LGA775 | Desktop |
| AMD A4-3310MX APU | NA | 1286 | NA | 682 | NA | 45 | 28 | Oct 2011 | FS1 | Laptop |
| AMD Athlon 64 X2 4200+ | $308.95* | 1285 | 4.16 | NA | NA | 89 | 14 | Apr 2009 | 939 | Desktop |
| AMD Athlon II X2 270u | $67.67* | 1285 | 18.99 | 698 | 10.32 | 25 | 51 | Nov 2010 | AM3 | Desktop |
| AMD A6-4455M APU | NA | 1284 | NA | 757 | NA | 17 | 75 | Jul 2012 | FP2 | Laptop |
| Intel Core2 Duo T6500 @ 2.10GHz | $14.99* | 1284 | 85.72 | 811 | 54.16 | 35 | 36 | Jun 2009 | PGA478 | Laptop |
| AMD Athlon 64 FX-60 Dual Core | NA | 1282 | NA | 794 | NA | 110 | 11 | Feb 2009 | 939 | Desktop |
| Intel Pentium T4400 @ 2.20GHz | NA | 1281 | NA | 847 | NA | 35 | 36 | Dec 2011 | PGA478 | Laptop |
| Intel Atom Z3775D @ 1.49GHz | NA | 1278 | NA | 434 | NA | 4.4 | 290 | Jan 2015 | UTFCBGA1380 | Laptop |
| Intel Xeon 3040 @ 1.86GHz | $25.04* | 1278 | 51.05 | 738 | 29.49 | 65 | 19 | Nov 2009 | LGA775 | Server |
| Intel Atom x5-Z8350 @ 1.44GHz | $21.00* | 1276 | 60.76 | 417 | 19.88 | 4 | 319 | May 2016 | UTFCBGA592 | Laptop |
| Intel Celeron 887 @ 1.50GHz | NA | 1276 | NA | 713 | NA | 17 | 75 | Oct 2012 | BGA1023 | Laptop |
| Intel Atom Z3775 @ 1.46GHz | $35.00* | 1275 | 36.45 | 490 | 14.01 | 4 | 318 | Jul 2014 | UTFCBGA1380 | Laptop |
| Celeron Dual-Core T3500 @ 2.10GHz | NA | 1273 | NA | 843 | NA | 35 | 36 | Nov 2010 | PGA478 | Laptop |
| Intel Celeron B800 @ 1.50GHz | NA | 1273 | NA | 732 | NA | 35 | 36 | Sep 2011 | PGA988B | Laptop |
| Intel Core2 Duo E4500 @ 2.20GHz | $71.25* | 1272 | 17.85 | 816 | 11.46 | 65 | 19 | Dec 2008 | LGA775 | Desktop |
| Intel Core2 Duo T7500 @ 2.20GHz | $42.99* | 1271 | 29.59 | 769 | 17.89 | 35 | 36 | Nov 2008 | BGA479 | Laptop |
| AMD Opteron 2212 | $20.00* | 1270 | 63.53 | NA | NA | 95 | 13 | Mar 2009 | F (1207) | Server |
| AMD Athlon 5200 Dual-Core | $29.99* | 1266 | 42.23 | 756 | 25.21 | 75 | 16 | Dec 2010 | AM2 | Desktop |
| Intel Pentium 3560Y @ 1.20GHz | NA | 1266 | NA | 664 | NA | 11.5 | 110 | Nov 2013 | BGA1168 | Laptop |
| VIA Eden X4 C4250 @ 1.2+GHz | NA | 1262 | NA | 450 | NA | NA | NA | Jul 2015 | NA | Unknown |
| Intel Core2 Duo T6570 @ 2.10GHz | $38.50* | 1257 | 32.67 | 821 | 21.33 | 35 | 35 | Mar 2009 | PGA478 | Laptop |
| AMD GX-222GC SOC | NA | 1255 | NA | 760 | NA | 15 | 83 | Jul 2016 | BGA769 (FT3b) | Laptop |
| Intel Celeron E1600 @ 2.40GHz | NA | 1255 | NA | 900 | NA | 65 | 19 | Oct 2009 | LGA775 | Desktop |
| AMD A4-3320M APU | $36.90 | 1253 | 33.98 | 654 | 17.74 | 35 | 35 | Mar 2012 | FS1 | Laptop |
| AMD Athlon 64 X2 Dual Core 4800+ | $459.95* | 1253 | 2.73 | 746 | 1.62 | 65 | 19 | Nov 2008 | AM2 | Desktop |
| Intel Atom Z3770 @ 1.46GHz | $149.44* | 1252 | 8.38 | 475 | 3.18 | 4 | 313 | Dec 2013 | UTFCBGA1380 | Laptop |
| Intel Core2 Duo SL9400 @ 1.86GHz | $253.00* | 1252 | 4.95 | 752 | 2.97 | 17 | 73 | Feb 2009 | BGA956 | Laptop |
| AMD Athlon II P340 Dual-Core | $44.95* | 1251 | 27.83 | 707 | 15.73 | 25 | 50 | Oct 2010 | S1g4 | Unknown |
| AMD Athlon X2 Dual Core BE-2450 | NA | 1251 | NA | NA | NA | 45 | 27 | Jun 2009 | NA | Unknown |
| Intel Core2 Duo T7400 @ 2.16GHz | NA | 1250 | NA | 761 | NA | 34 | 36 | Jul 2010 | BGA479 | Laptop |
| AMD Athlon II N350 Dual-Core | NA | 1249 | NA | 749 | NA | 35 | 35 | Dec 2010 | NA | Unknown |
| Intel Xeon 5120 @ 1.86GHz | $1,619.99* | 1248 | 0.77 | 721 | 0.45 | 65 | 19 | Mar 2009 | LGA771 | Server |
| Intel Pentium P6000 @ 1.87GHz | NA | 1244 | NA | 696 | NA | 35 | 35 | Jun 2010 | PGA988 | Laptop |
| AMD Opteron 180 | $129.95* | 1236 | 9.51 | 733 | 5.65 | 110 | 11 | Feb 2009 | 939 | Server |
| AMD Turion X2 Ultra Dual-Core Mobile ZM-85 | $45.00* | 1234 | 27.43 | 665 | 14.79 | 35 | 35 | Aug 2009 | S1 | Laptop |
| Athlon 64 Dual Core 3800+ | NA | 1234 | NA | 570 | NA | 35 | 35 | May 2014 | NA | Unknown |
| Intel Pentium T4300 @ 2.10GHz | NA | 1232 | NA | 809 | NA | 35 | 35 | Aug 2009 | PGA478 | Laptop |
| AMD A4-3305M APU | $30.81 | 1228 | 39.87 | 682 | 22.14 | 35 | 35 | Feb 2012 | FS1 | Laptop |
| Intel Celeron N4000C @ 1.10GHz | NA | 1226 | NA | 1111 | NA | 6 | 204 | Dec 2019 | FCBGA1090 | Laptop |
| Intel Core2 Duo T6400 @ 2.00GHz | $14.99* | 1226 | 81.82 | 774 | 51.64 | 35 | 35 | Feb 2009 | PGA478 | Laptop |
| Intel Pentium 987 @ 1.50GHz | NA | 1223 | NA | 702 | NA | 17 | 71 | Jul 2012 | FCBGA1023 | Laptop |
| AMD Athlon 64 X2 Dual Core 4600+ | $359.95* | 1219 | 3.39 | 725 | 2.02 | 65 | 18 | Dec 2008 | AM2 | Desktop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD A4-3330MX APU | NA | 1216 | NA | 691 | NA | 15 | 27 | Mar 2013 | FS1 or FP1 | Laptop |
| AMD Athlon II P320 Dual-Core | $29.95* | 1216 | 40.62 | 678 | 22.65 | 25 | 48 | Jun 2010 | NA | Unknown |
| AMD Athlon X2 Dual Core BE-2400 | NA | 1213 | NA | 691 | NA | 18 | 67 | Mar 2009 | FT1 | Desktop |
| AMD Phenom X4 Quad-Core GS-5560 | NA | 1211 | NA | NA | NA | NA | NA | Jun 2009 | NA | Unknown |
| AMD Turion X2 Ultra Dual-Core Mobile ZM-87 | $39.95* | 1211 | 30.32 | 665 | 16.65 | 35 | 34 | Apr 2009 | S1 | Laptop |
| Intel Core2 Duo T5900 @ 2.20GHz | NA | 1211 | NA | 757 | NA | NA | NA | Mar 2009 | Socket P | Laptop |
| AMD Turion X2 Ultra Dual-Core Mobile ZM-84 | $18.99* | 1209 | 63.72 | 636 | 33.53 | 35 | 34 | Feb 2009 | S1 | Laptop |
| AMD GX-218GL SOC | NA | 1207 | NA | 695 | NA | 15 | 80 | Mar 2017 | BGA769 (FT3b) | Laptop |
| Dual-Core AMD Opteron 1220 SE | NA | 1206 | NA | 748 | NA | 103 | 11 | Aug 2016 | AM2 | Server |
| Intel Core2 Duo T5850 @ 2.16GHz | $15.90* | 1206 | 75.86 | 761 | 47.88 | NA | NA | Mar 2009 | Socket P | Laptop |
| Athlon Dual Core 4450e | NA | 1204 | NA | 706 | NA | 45 | 26 | Dec 2009 | AM2 | Desktop |
| Intel Pentium E2200 @ 2.20GHz | $75.00* | 1202 | 16.03 | 802 | 10.69 | 65 | 18 | Jan 2009 | LGA775 | Desktop |
| Celeron Dual-Core T3300 @ 2.00GHz | NA | 1200 | NA | 792 | NA | 35 | 34 | Jul 2010 | µFCPGA-478 | Laptop |
| Intel Core2 Duo T7300 @ 2.00GHz | $30.99* | 1195 | 38.57 | 711 | 22.95 | 35 | 34 | Dec 2008 | BGA479 | Laptop |
| AMD Opteron 1214 | $290.00* | 1191 | 4.11 | 683 | 2.36 | 103 | 11 | Nov 2009 | AM2 | Server |
| Intel Atom x5-Z8300 @ 1.44GHz | $132.99* | 1190 | 8.95 | 390 | 2.93 | 4 | 297 | Aug 2015 | UTFCBGA592 | Laptop |
| Intel Celeron N2910 @ 1.60GHz | NA | 1189 | NA | 348 | NA | 7.5 | 158 | Nov 2013 | FCBGA1170 | Laptop |
| Intel Celeron 1047UE @ 1.40GHz | NA | 1188 | NA | 519 | NA | 17 | 69 | Feb 2014 | FCBGA1023 | Desktop |
| AMD Turion II Neo K685 Dual-Core | NA | 1186 | NA | 639 | NA | 15 | 79 | Jan 2011 | BGA812 | Laptop |
| AMD A4-3300M APU | $29.99* | 1185 | 39.54 | 629 | 20.99 | 65 | 18 | Jul 2011 | FM1 | Laptop |
| Intel Core2 Duo E6320 @ 1.86GHz | $49.99* | 1185 | 23.71 | 701 | 14.03 | 65 | 18 | Dec 2008 | PLGA775 | Desktop |
| AMD Phenom X2 Dual-Core GP-5000 | NA | 1180 | NA | NA | NA | NA | NA | Jan 2010 | NA | Unknown |
| AMD A4-4355M APU | NA | 1177 | NA | 691 | NA | 17 | 69 | Dec 2012 | FP2 | Laptop |
| AMD Opteron 280 | $65.00* | 1176 | 18.10 | 708 | 10.90 | 95 | 12 | Mar 2009 | 940 | Server |
| Celeron Dual-Core T3100 @ 1.90GHz | $42.00 | 1176 | 28.00 | 766 | 18.24 | 35 | 33 | Oct 2009 | BGA479 | Laptop |
| Intel Pentium E2210 @ 2.20GHz | NA | 1174 | NA | 906 | NA | 65 | 18 | Sep 2009 | LGA775 | Desktop |
| Intel Celeron 867 @ 1.30GHz | $29.99* | 1173 | 39.12 | 655 | 21.85 | 17 | 69 | Apr 2012 | BGA1023 | Laptop |
| VIA QuadCore U4650 @ 1.0+ GHz | NA | 1173 | NA | 304 | NA | 27.5 | 42 | Dec 2012 | NA | Desktop |
| AMD Opteron 1216 HE | NA | 1172 | NA | 704 | NA | 65 | 18 | Jul 2012 | AM2 | Server |
| AMD Opteron 270 | $607.47* | 1170 | 1.93 | 632 | 1.04 | 95 | 12 | Aug 2012 | 940 | Server |
| AMD Athlon Dual Core 4450B | $31.00* | 1168 | 37.68 | 687 | 22.18 | 45 | 25 | Mar 2009 | AM2+ | Desktop |
| Intel Celeron E1500 @ 2.20GHz | $19.65 | 1168 | 59.47 | 806 | 41.03 | 65 | 17 | May 2009 | LGA775 | Desktop |
| AMD Opteron 175 | NA | 1167 | NA | 683 | NA | 110 | 10 | Nov 2008 | 939 | Server |
| Intel Core2 Duo T7200 @ 2.00GHz | $99.95* | 1167 | 11.68 | 702 | 7.03 | 34 | 34 | Nov 2008 | PBGA479, PPGA478 | Laptop |
| Intel Celeron J3355 @ 2.00GHz | NA | 1164 | NA | 809 | NA | 10 | 116 | Feb 2017 | FCBGA1296 | Desktop, Laptop |
| AMD Turion 64 X2 Mobile TL-68 | $90.00* | 1162 | 12.92 | 691 | 7.68 | 35 | 33 | Mar 2009 | S1 | Laptop |
| Intel Atom E3840 @ 1.91GHz | NA | 1162 | NA | 396 | NA | NA | NA | Jan 2014 | NA | Unknown |
| Intel Core i3-380UM @ 1.33GHz | NA | 1159 | NA | 515 | NA | 18 | 64 | Oct 2010 | BGA1288 | Laptop |
| Intel Core2 Duo E4400 @ 2.00GHz | $49.99* | 1158 | 23.18 | 738 | 14.77 | 65 | 17 | Dec 2008 | LGA775 | Desktop |
| Athlon 64 Dual Core 4200+ | $204.95* | 1156 | 5.64 | NA | NA | 89 | 12 | Nov 2009 | NA | Unknown |
| AMD Athlon II N330 Dual-Core | NA | 1154 | NA | 712 | NA | 35 | 32 | Jul 2010 | NA | Unknown |
| Intel Pentium T4200 @ 2.00GHz | $12.00* | 1152 | 96.00 | 778 | 64.87 | 35 | 32 | Mar 2009 | PGA478 | Laptop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Core2 Duo T5870 @ 2.00GHz | NA | 1150 | NA | 725 | NA | 35 | 32 | Dec 2008 | PPGA778, Socket | Laptop |
| AMD Turion X2 Dual-Core Mobile RM-77 | NA | 1149 | NA | 657 | NA | 35 | 32 | Jul 2009 | S1 | Laptop |
| Intel Pentium 977 @ 1.40GHz | NA | 1148 | NA | NA | NA | 17 | 67 | Jul 2012 | FCBGA1023 | Laptop |
| Intel Celeron 857 @ 1.20GHz | NA | 1146 | NA | 635 | NA | 17 | 67 | Nov 2011 | BGA1023 | Laptop |
| AMD Athlon 64 X2 Dual Core 4400+ | $59.99 | 1145 | 19.10 | 690 | 11.52 | 65 | 17 | Dec 2008 | AM2 | Desktop |
| AMD Athlon II Dual-Core M320 | $30.00* | 1141 | 38.05 | 673 | 22.44 | 35 | 32 | Nov 2009 | NA | Unknown |
| AMD Turion 64 X2 Mobile TL-66 | $378.00* | 1141 | 3.02 | 674 | 1.78 | 35 | 32 | Apr 2009 | S1 | Laptop |
| AMD E2-3000 APU | NA | 1140 | NA | 629 | NA | 15 | 76 | Feb 2014 | FT3 | Laptop |
| Intel Pentium 967 @ 1.30GHz | NA | 1140 | NA | 648 | NA | 17 | 67 | Mar 2012 | FCBGA1023 | Laptop |
| Intel Core2 Duo U9600 @ 1.60GHz | NA | 1129 | NA | 667 | NA | 10 | 112 | Aug 2009 | BGA956 | Laptop |
| AMD Turion X2 Dual-Core Mobile RM-75 | NA | 1120 | NA | 601 | NA | 35 | 32 | May 2009 | S1 | Laptop |
| Intel Celeron N3350 @ 1.10GHz | NA | 1116 | NA | 766 | NA | 6 | 186 | Nov 2016 | FCBGA1296 | Laptop |
| Intel Celeron P4500 @ 1.87GHz | NA | 1116 | NA | 705 | NA | 35 | 31 | Aug 2010 | PGA988A | Laptop |
| Intel Core2 Duo L7800 @ 2.00GHz | NA | 1116 | NA | 601 | NA | NA | NA | Dec 2012 | NA | Unknown |
| Intel Pentium T3400 @ 2.16GHz | $89.95* | 1116 | 12.41 | 743 | 8.26 | 35 | 31 | Feb 2009 | PPGA478 | Laptop |
| Intel Core2 Duo T5800 @ 2.00GHz | NA | 1114 | NA | 679 | NA | 35 | 31 | Dec 2008 | PGA478 | Laptop |
| Intel Core2 Duo T7250 @ 2.00GHz | $201.48* | 1114 | 5.53 | 710 | 3.53 | 35 | 31 | Feb 2009 | BGA479 | Laptop |
| AMD GX-217GA SOC | NA | 1113 | NA | 625 | NA | 15 | 74 | Jan 2014 | FT3 (769-BGA) | Laptop |
| AMD Athlon II Dual-Core M300 | NA | 1112 | NA | 640 | NA | 35 | 31 | Oct 2009 | NA | Unknown |
| AMD Athlon Dual Core 4450e | NA | 1111 | NA | 671 | NA | 45 | 24 | Feb 2009 | AM2 | Desktop |
| Intel Celeron 2961Y @ 1.10GHz | NA | 1110 | NA | 649 | NA | 11.5 | 96 | Feb 2015 | NA | Laptop |
| AMD Athlon X2 Dual Core BE-2350 | NA | 1109 | NA | 641 | NA | 45 | 24 | Mar 2009 | AM2 | Desktop |
| AMD Athlon64 X2 Dual Core 4600+ | NA | 1108 | NA | 603 | NA | 110 | 10 | May 2009 | AM2 | Desktop |
| Intel Core2 Duo E6300 @ 1.86GHz | $12.99* | 1108 | 85.31 | 695 | 53.51 | 65 | 17 | Nov 2008 | LGA775, PLGA775 | Desktop |
| AMD Athlon II X2 260u | $83.44* | 1107 | 13.28 | 610 | 7.31 | 25 | 44 | Dec 2010 | AM3 | Desktop |
| AMD Opteron 170 | NA | 1097 | NA | 620 | NA | 110 | 9 | Feb 2009 | 939 | Server |
| AMD Athlon 64 X2 Dual Core 4200+ | $204.95* | 1096 | 5.35 | 666 | 3.25 | 89 | 12 | Nov 2008 | AM2 | Desktop |
| AMD Athlon 64 X2 Dual Core BE-230 | NA | 1095 | NA | NA | NA | 45 | 24 | Jan 2010 | NA | Unknown |
| Intel Pentium 957 @ 1.20GHz | $134.00* | 1095 | 8.18 | 636 | 4.75 | 17 | 64 | Aug 2011 | FCBGA1023 | Laptop |
| Intel Core2 Duo T5750 @ 2.00GHz | $9.99* | 1094 | 109.57 | 687 | 68.85 | 35 | 31 | Dec 2008 | Socket P | Laptop |
| AMD E2-3000M APU | $20.00* | 1092 | 54.62 | 601 | 30.06 | 35 | 31 | Sep 2011 | FS1 | Laptop |
| AMD Turion 64 X2 Mobile TL-62 | $311.00* | 1092 | 3.51 | 624 | 2.01 | 35 | 31 | Mar 2009 | S1 | Laptop |
| AMD Turion 64 X2 Mobile TL-64 | $39.39* | 1090 | 27.69 | 641 | 16.29 | 35 | 31 | Mar 2009 | S1 | Laptop |
| Intel Pentium E2180 @ 2.00GHz | $29.99* | 1088 | 36.29 | 729 | 24.33 | 65 | 16 | Nov 2008 | LGA775 | Desktop |
| AMD Athlon Dual Core 4050e | NA | 1086 | NA | 640 | NA | 45 | 24 | Feb 2009 | AM2 | Desktop |
| AMD Turion X2 Dual-Core Mobile RM-72 | $224.26* | 1084 | 4.84 | 598 | 2.67 | 35 | 30 | Nov 2008 | S1 | Laptop |
| AMD Turion X2 Ultra Dual-Core Mobile ZM-82 | NA | 1084 | NA | 588 | NA | 35 | 30 | Feb 2009 | S1 | Laptop |
| Intel Xeon 5110 @ 1.60GHz | $35.00* | 1084 | 30.99 | 619 | 17.71 | 65 | 16 | Mar 2009 | LGA771 | Server |
| Celeron Dual-Core T3000 @ 1.80GHz | NA | 1083 | NA | 728 | NA | 35 | 30 | Sep 2009 | PGA478 | Laptop |
| AMD Athlon 64 X2 Dual Core BE-2300 | NA | 1082 | NA | 585 | NA | 45 | 24 | Nov 2011 | AM2 | Desktop |
| AMD Sempron Dual Core 4900 | NA | 1081 | NA | NA | NA | NA | NA | Aug 2010 | NA | Unknown |
| Intel Core2 Duo L9300 @ 1.60GHz | NA | 1081 | NA | 648 | NA | 17 | 63 | Apr 2009 | BGA956 | Laptop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Atom Z3740 @ 1.60GHz | $80.00* | 1076 | 50.00 | 556 | 12.34 | 7 | 155 | Feb 2014 | UTFCBGA1380 | Laptop |
| Intel Core i3-330UM @ 1.20GHz | NA | 1075 | NA | 456 | NA | 18 | 59 | Jun 2010 | BGA1288 | Laptop |
| Intel Atom Z3740 @ 1.33GHz | NA | 1068 | NA | 373 | NA | 4 | 267 | Jul 2013 | UTFCBGA1380 | Laptop |
| Intel Core i5-470UM @ 1.33GHz | NA | 1067 | NA | 481 | NA | 18 | 59 | Sep 2010 | BGA1288 | Laptop |
| AMD Turion X2 Dual-Core Mobile RM-74 | $24.47* | 1064 | 43.52 | 581 | 23.75 | 35 | 30 | Apr 2009 | S1 | Laptop |
| Intel Celeron G465 @ 1.90GHz | $100.00* | 1064 | 10.64 | 821 | 8.22 | 35 | 30 | Jan 2012 | LGA1155 | Desktop |
| Intel Pentium 2129Y @ 1.10GHz | $134.00* | 1062 | 7.93 | 557 | 4.16 | 10 | 106 | Jan 2014 | FCBGA1023 | Laptop |
| AMD Turion X2 Dual Core Mobile RM-76 | NA | 1059 | NA | 580 | NA | 35 | 30 | Sep 2009 | S1 | Laptop |
| Intel Celeron T1700 @ 1.83GHz | $29.99* | 1058 | 35.29 | NA | NA | 35 | 30 | Aug 2009 | PPGA478 | Laptop |
| AMD Athlon II Dual-Core M340 | NA | 1056 | NA | 679 | NA | 35 | 30 | Jun 2010 | NA | Unknown |
| Intel Celeron E1400 @ 2.00GHz | $89.95 | 1053 | 11.71 | 698 | 7.76 | 65 | 16 | Feb 2009 | LGA775 | Desktop |
| Intel Core2 Duo E4300 @ 1.80GHz | $159.95* | 1052 | 6.58 | 670 | 4.19 | 65 | 16 | Oct 2009 | LGA775 | Desktop |
| AMD Athlon 64 X2 QL-65 | NA | 1050 | NA | 586 | NA | 35 | 30 | Nov 2009 | S1 | Laptop |
| AMD Athlon 64 X2 Dual Core 4000+ | NA | 1045 | NA | 630 | NA | 65 | 16 | Dec 2008 | AM2 | Desktop |
| AMD Athlon 64 X2 Dual Core BE-2350 | NA | 1044 | NA | 631 | NA | 45 | 23 | May 2009 | AM2 | Desktop |
| Intel Xeon 3.73GHz | NA | 1041 | NA | 839 | NA | NA | NA | May 2009 | NA | Server |
| Intel Celeron G460 @ 1.80GHz | $65.00 | 1040 | 16.01 | 826 | 12.71 | 35 | 29 | Feb 2012 | LGA1155 | Desktop |
| Intel Core2 Duo T5550 @ 1.83GHz | NA | 1040 | NA | 647 | NA | 35 | 29 | Nov 2008 | PGA478 | Laptop |
| Intel Celeron J1750 @ 2.41GHz | NA | 1037 | NA | 553 | NA | 10 | 103 | Apr 2014 | FCBGA1170 | Desktop |
| Intel Pentium T3200 @ 2.00GHz | $12.00* | 1032 | 86.07 | 680 | 56.73 | 35 | 29 | Feb 2009 | PPGA478 | Laptop |
| Intel Atom x5-Z8330 @ 1.44GHz | NA | 1029 | NA | 430 | NA | 4 | 257 | Aug 2016 | NA | Laptop |
| Intel Core2 Duo T5600 @ 1.83GHz | NA | 1029 | NA | 654 | NA | 34 | 30 | Dec 2008 | PGA478 | Laptop |
| AMD TurionX2 Dual Core Mobile RM-72 | NA | 1026 | NA | 559 | NA | 35 | 29 | Apr 2009 | S1 | Laptop |
| Intel 1500 @ 2.00GHz | NA | 1024 | NA | NA | NA | NA | NA | Apr 2009 | NA | Unknown |
| Intel Core Duo T2700 @ 2.33GHz | NA | 1024 | NA | 737 | NA | 31 | 33 | Feb 2009 | BGA479 | Laptop |
| AMD Turion X2 Ultra Dual-Core Mobile ZM-80 | $62.00* | 1023 | 16.51 | 566 | 9.13 | 32 | 31 | Mar 2009 | S1 | Laptop |
| Intel Celeron 847E @ 1.10GHz | NA | 1021 | NA | 545 | NA | 17 | 60 | Aug 2012 | FCBGA1023 | Laptop |
| Intel Core2 Duo P7700 @ 1.80GHz | NA | 1021 | NA | NA | NA | NA | NA | Feb 2009 | NA | Unknown |
| Intel Core2 Duo T7100 @ 1.80GHz | $21.99* | 1021 | 46.44 | 652 | 29.67 | 35 | 29 | Feb 2009 | BGA479 | Laptop |
| Intel Celeron J1800 @ 2.41GHz | NA | 1020 | NA | 554 | NA | 10 | 102 | Feb 2014 | FCBGA1170 | Desktop |
| AMD Turion Dual-Core RM-75 | $27.46* | 1019 | 37.11 | 534 | 19.45 | 35 | 29 | Aug 2009 | S1 | Laptop |
| Intel Atom Z3745D @ 1.33GHz | NA | 1018 | NA | 347 | NA | 4.4 | 231 | Oct 2014 | NA | Laptop |
| AMD E1-7010 APU | NA | 1017 | NA | 552 | NA | 10 | 101 | Jun 2016 | BGA769 (FT3b) | Laptop |
| AMD Turion Dual-Core RM-74 | NA | 1016 | NA | 542 | NA | 35 | 29 | Jan 2014 | S1 | Laptop |
| Intel Atom Z3740D @ 1.33GHz | NA | 1011 | NA | 331 | NA | 4.4 | 229 | Jul 2013 | UTFCBGA1380 | Laptop |
| AMD Athlon X2 Dual Core LS-5800 | NA | 1009 | NA | NA | NA | NA | NA | Feb 2012 | NA | Unknown |
| AMD Opteron 1212 | $290.00* | 1009 | 3.48 | 553 | 1.91 | 103 | 9 | Mar 2009 | AM2 | Server |
| AMD Athlon 64 X2 QL-67 | NA | 1006 | NA | 469 | NA | 35 | 28 | Dec 2009 | S1 | Laptop |
| AMD Athlon 64 X2 QL-62 | NA | 1005 | NA | 569 | NA | 35 | 28 | Jan 2009 | S1 | Laptop |
| AMD Athlon II X2 250u | $34.95* | 1004 | 28.74 | 553 | 15.85 | 25 | 40 | Feb 2010 | AM3 | Desktop |
| AMD Athlon Neo X2 Dual Core 6850e | NA | 1002 | NA | 554 | NA | 22 | 45 | Nov 2009 | NA | Unknown |
| Intel Celeron N2840 @ 2.16GHz | NA | 1002 | NA | 551 | NA | 7 | 143 | Oct 2014 | FCBGA1170 | Laptop |
| AMD Athlon 64 X2 Dual Core 3800+ | NA | 1000 | NA | 609 | NA | 89 | 11 | Nov 2008 | AM2 | Desktop |
| AMD Turion 64 X2 Mobile TL-60 | $15.95* | 999 | 62.67 | 590 | 37.03 | 31 | 32 | Feb 2009 | S1 | Laptop |

## CPU Benchmarks ▼

| CPU Name | Price | CPU Mark | CPU Value | Thread Mark | Thread Value | TDP (W) | Power Perf. | Test Date | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| ⊞ AMD Athlon X2 Dual-Core QL-66 | NA | 999 | NA | 555 | NA | 35 | 15 | Jul 2010 | NA | Unknown |
| ⊞ AMD TurionX2 Dual Core Mobile RM-70 | NA | 997 | NA | 573 | NA | 31 | 32 | Feb 2009 | S1 | Laptop |
| ⊞ Intel Pentium E2160 @ 1.80GHz | $15.51 | 997 | 64.30 | 657 | 42.39 | 65 | 15 | Dec 2008 | LGA775 | Desktop |
| ⊞ AMD Sempron Dual Core 2200 | NA | 995 | NA | 578 | NA | 65 | 15 | May 2009 | NA | Unknown |
| ⊞ AMD Athlon 64 X2 Dual Core 3400+ | NA | 994 | NA | 532 | NA | 89 | 11 | Oct 2010 | 754 | Desktop |
| ⊞ AMD Turion X2 Dual-Core Mobile RM-70 | NA | 994 | NA | 553 | NA | 31 | 32 | Mar 2009 | S1 | Laptop |
| ⊞ Intel Celeron P4505 @ 1.87GHz | NA | 994 | NA | 762 | NA | 35 | 28 | Mar 2010 | BGA1288 | Laptop |
| ⊞ Intel Core2 Duo T5670 @ 1.80GHz | NA | 994 | NA | 648 | NA | 35 | 28 | Mar 2009 | Socket P | Laptop |
| ⊞ AMD Athlon 64 X2 QL-64 | NA | 990 | NA | 583 | NA | 35 | 28 | Mar 2009 | S1 | Laptop |
| ⊞ AMD Athlon 64 X2 TK-57 | NA | 988 | NA | NA | NA | 31 | 31 | Feb 2010 | NA | Unknown |
| ⊞ AMD Sempron Dual Core 2300 | $41.99* | 982 | 23.39 | 621 | 14.81 | 65 | 15 | Sep 2009 | NA | Unknown |
| ⊞ Intel Celeron N3060 @ 1.60GHz | NA | 982 | NA | 540 | NA | 6 | 163 | Apr 2016 | NA | Laptop |
| ⊞ Intel 1400 @ 1.83GHz | NA | 980 | NA | NA | NA | NA | NA | Sep 2011 | NA | Unknown |
| ⊞ AMD Turion II Neo K625 Dual-Core | NA | 977 | NA | 509 | NA | 15 | 65 | Jun 2010 | S1 | Laptop |
| ⊞ Intel Celeron J3060 @ 1.60GHz | NA | 977 | NA | 541 | NA | 6 | 162 | Aug 2016 | BGA1170 | Desktop |
| ⊞ Intel Pentium T2410 @ 2.00GHz | NA | 977 | NA | 682 | NA | NA | NA | Mar 2009 | NA | Unknown |
| ⊞ AMD Athlon 64 X2 Dual Core TK-57 | NA | 971 | NA | NA | NA | 31 | 31 | Aug 2010 | NA | Unknown |
| ⊞ AMD Opteron 1210 HE | NA | 971 | NA | NA | NA | 65 | 14 | Jan 2011 | AM2 | Server |
| ⊞ Intel Core2 Duo L7700 @ 1.80GHz | NA | 969 | NA | 603 | NA | 17 | 57 | Apr 2009 | NA | Laptop |
| ⊞ Athlon Dual Core 4050e | NA | 968 | NA | 633 | NA | 45 | 21 | Oct 2009 | AM2 | Desktop |
| ⊞ Intel Celeron @ 1.30GHz | NA | 965 | NA | 679 | NA | NA | NA | Aug 2013 | NA | Unknown |
| ⊞ Intel Celeron N2830 @ 2.16GHz | NA | 965 | NA | 516 | NA | 7.5 | 128 | Apr 2014 | FCBGA1170 | Laptop |
| ⊞ AMD Opteron 256 | $19.00* | 963 | 50.72 | NA | NA | 92.6 | 10 | Apr 2009 | 940 | Server |
| ⊞ AMD Opteron 265 | $73.00 | 963 | 13.20 | NA | NA | 95 | 10 | May 2009 | 940 | Server |
| ⊞ AMD Athlon 64 X2 Dual Core 3600+ | $60.00 | 962 | 16.03 | 591 | 9.86 | 65 | 14 | Dec 2008 | AM2 | Desktop |
| ⊞ Intel Atom C2358 @ 1.74GHz | NA | 961 | NA | 448 | NA | 7 | 137 | Jun 2016 | FCBGA1283 | Laptop |
| ⊞ Intel Core2 Duo L7500 @ 1.60GHz | NA | 961 | NA | 574 | NA | 17 | 56 | Feb 2009 | BGA479 | Laptop |
| ⊞ Intel Pentium Extreme Edition 965 @ 3.73GHz | NA | 961 | NA | 837 | NA | 130 | 7 | Mar 2009 | PLGA775 | Desktop |
| ⊞ AMD E1 Micro-6200T APU | NA | 960 | NA | 552 | NA | 3.95 | 243 | Oct 2014 | FT3b | Laptop |
| ⊞ Intel T2050 @ 2.00GHz | NA | 959 | NA | 677 | NA | 31 | 30 | Dec 2012 | PPGA478 | Unknown |
| ⊞ AMD Athlon 64 X2 3800+ | NA | 958 | NA | 646 | NA | 89 | 10 | May 2010 | 939 | Desktop |
| ⊞ Intel Celeron N3010 @ 1.04GHz | NA | 958 | NA | 502 | NA | 4 | 239 | Nov 2016 | FCBGA1170 | Laptop |
| ⊞ AMD Athlon 64 X2 TK-55 | NA | 955 | NA | NA | NA | 31 | 30 | Aug 2010 | NA | Unknown |
| ⊞ Intel Celeron 1019Y @ 1.00GHz | NA | 954 | NA | 522 | NA | 10 | 95 | May 2014 | FCBGA1023 | Desktop |
| ⊞ Intel T1500 @ 1.86GHz | NA | 953 | NA | 660 | NA | NA | NA | May 2009 | NA | Unknown |
| ⊞ AMD Sempron 2650 APU | $58.79 | 951 | 16.18 | 534 | 9.10 | 25 | 38 | Apr 2014 | AM1,FSB1 | Desktop |
| ⊞ Intel Pentium U5600 @ 1.33GHz | NA | 951 | NA | 552 | NA | 18 | 52 | Feb 2011 | BGA1288 | Laptop |
| ⊞ AMD Turion 64 X2 Mobile TL-58 | NA | 949 | NA | 560 | NA | 31 | 30 | Feb 2009 | S1 | Laptop |
| ⊞ AMD Sempron Dual Core 4700 | NA | 948 | NA | NA | NA | NA | NA | Mar 2009 | NA | Unknown |
| ⊞ Intel Atom Z3735E @ 1.33GHz | $117.00* | 948 | 8.10 | 361 | 3.09 | 4.4 | 215 | Jun 2014 | UTFCBGA1380 | Laptop |
| ⊞ Intel Pentium T2390 @ 1.86GHz | NA | 948 | NA | 648 | NA | 35 | 27 | Feb 2009 | PPGA478 | Laptop |
| ⊞ AMD Athlon 64 X2 QL-66 | NA | 947 | NA | 553 | NA | 35 | 27 | Oct 2009 | S1 | Laptop |
| ⊞ Intel Core2 Duo P7500 @ 1.60GHz | NA | 945 | NA | NA | NA | NA | NA | Mar 2009 | NA | Unknown |
| ⊞ Intel Celeron T1600 @ 1.66GHz | $19.99* | 944 | 47.24 | 603 | 30.18 | 35 | 26 | Jan 2009 | NA | Laptop |
| ⊞ AMD GX-212JC SOC | NA | 943 | NA | 471 | NA | 6 | 157 | Jul 2014 | FT3b | Laptop |
| ⊞ Intel Core Duo T2600 @ 2.16GHz | NA | 943 | NA | 670 | NA | 31 | 30 | Mar 2009 | BGA479 | Laptop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Atom ~~~~ @ 1.86GHz | NA | 937 | NA | 551 | NA | 7.5 | 212 | Jan 2014 | NA | Laptop |
| Intel Celeron N2820 @ 2.13GHz | $225.00 | 937 | 4.17 | 512 | 2.28 | 7.5 | 124 | Jan 2014 | FCBGA1170 | Laptop |
| AMD Sempron Dual Core 2100 | $39.00* | 936 | 24.02 | 557 | 14.29 | 65 | 14 | Mar 2009 | NA | Unknown |
| Intel Celeron 847 @ 1.10GHz | $315.00* | 935 | 2.97 | 541 | 1.72 | 17 | 55 | Nov 2011 | BGA1023 | Laptop |
| Intel Core2 Duo T5300 @ 1.73GHz | NA | 935 | NA | 607 | NA | 34 | 27 | Mar 2009 | PGA478 | Laptop |
| AMD Turion II Neo N40L Dual-Core | NA | 930 | NA | 501 | NA | 15 | 62 | Dec 2011 | BGA812 | Laptop |
| Intel T1400 @ 1.73GHz | NA | 929 | NA | 644 | NA | NA | NA | Mar 2009 | NA | Unknown |
| Intel Core2 Duo SU9400 @ 1.40GHz | NA | 927 | NA | 578 | NA | 10 | 92 | Feb 2009 | BGA956 | Laptop |
| AMD Athlon 64 X2 QL-60 | NA | 925 | NA | 538 | NA | 35 | 26 | Mar 2009 | S1 | Laptop |
| AMD Athlon 64 X2 Dual-Core TK-57 | NA | 924 | NA | 563 | NA | 31 | 29 | Feb 2009 | NA | Unknown |
| AMD Opteron 1210 | $65.00 | 923 | 14.21 | NA | NA | 103 | 8 | Apr 2009 | AM2 | Server |
| AMD Turion X2 Dual Core L510 | NA | 923 | NA | 510 | NA | 20 | 46 | Jul 2010 | ASB1 | Laptop |
| Intel Core2 Duo T5500 @ 1.66GHz | NA | 922 | NA | 590 | NA | 34 | 27 | Feb 2009 | PGA478 | Laptop |
| AMD Athlon X2 Dual Core BE-2300 | NA | 920 | NA | 567 | NA | 45 | 20 | Feb 2009 | AM2 | Desktop |
| Intel Atom S1260 @ 2.00GHz | $64.00* | 916 | 14.32 | 344 | 5.39 | 8.5 | 107 | May 2013 | FCBGA1283 | Server |
| Intel Atom Z3735F @ 1.33GHz | $181.30* | 914 | 5.04 | 354 | 1.95 | 4.4 | 207 | Aug 2014 | UTFCBGA592 | Laptop |
| Intel Core2 Duo T5450 @ 1.66GHz | NA | 913 | NA | 574 | NA | 35 | 26 | Jan 2009 | PGA478 | Laptop |
| AMD Turion Dual-Core RM-70 | $25.00* | 912 | 36.49 | 551 | 22.05 | 31 | 29 | Dec 2008 | S1 | Laptop |
| Intel Atom Z3736F @ 1.33GHz | NA | 912 | NA | 383 | NA | 4.4 | 207 | Oct 2014 | UTFCBGA592 | Laptop |
| Intel Pentium Extreme Edition 955 @ 3.46GHz | $31.23* | 912 | 29.21 | 800 | 25.62 | 130 | 7 | Apr 2009 | PLGA775 | Desktop |
| Intel Core2 Duo T5470 @ 1.60GHz | NA | 908 | NA | 582 | NA | 35 | 25 | Feb 2009 | PGA478 | Laptop |
| Intel Celeron N2808 @ 1.58GHz | NA | 907 | NA | 490 | NA | 4.5 | 201 | Mar 2015 | FCBGA1170 | Laptop |
| Intel Atom Z3735G @ 1.33GHz | NA | 906 | NA | 356 | NA | 4.4 | 205 | Oct 2014 | NA | Laptop |
| AMD E1-6015 APU | NA | 900 | NA | 523 | NA | NA | NA | Jul 2015 | BGA769 (FT3b) | Laptop |
| AMD Opteron 165 | $550.00 | 899 | 1.63 | 553 | 1.01 | 110 | 8 | Jan 2009 | 939 | Server |
| Intel Celeron N3000 @ 1.04GHz | NA | 899 | NA | 478 | NA | 4 | 224 | Aug 2015 | FCBGA1170 | Laptop |
| Intel Atom C2338 @ 1.74GHz | NA | 898 | NA | 359 | NA | 7 | 128 | Oct 2014 | FCBGA1283 | Laptop |
| AMD E1-2500 APU | NA | 895 | NA | 518 | NA | 15 | 59 | Sep 2013 | FT3 | Laptop |
| AMD Turion 64 X2 Mobile TL-56 | $13.95* | 891 | 63.89 | 536 | 38.45 | 31 | 28 | Feb 2009 | S1 | Laptop |
| Intel Celeron N3050 @ 1.60GHz | $191.44 | 879 | 4.59 | 468 | 2.45 | 6 | 146 | Jul 2015 | FCBGA1170 | Laptop |
| AMD Athlon 64 X2 Dual-Core TK-42 | NA | 877 | NA | 470 | NA | 20 | 43 | Jul 2009 | NA | Unknown |
| Intel Pentium E2140 @ 1.60GHz | $89.95 | 871 | 9.69 | 587 | 6.53 | 65 | 13 | Nov 2008 | LGA775, PLGA775 | Desktop |
| AMD Athlon 64 X2 Dual-Core TK-55 | $72.74* | 870 | 11.97 | 534 | 7.35 | 35 | 24 | Dec 2008 | NA | Unknown |
| AMD E1-6010 APU | NA | 869 | NA | 485 | NA | 10 | 86 | Jul 2014 | FT3b | Laptop |
| Intel Core2 Duo U7300 @ 1.30GHz | NA | 868 | NA | 520 | NA | 10 | 86 | Oct 2009 | BGA956 | Laptop |
| Intel Core Duo T2500 @ 2.00GHz | $119.99* | 863 | 7.20 | 626 | 5.23 | 31 | 27 | Mar 2009 | BGA479 | Laptop |
| Intel Celeron E1200 @ 1.60GHz | $99.99 | 861 | 8.61 | 581 | 5.82 | 65 | 13 | Dec 2008 | LGA775 | Desktop |
| Intel Celeron N2807 @ 1.58GHz | NA | 861 | NA | 452 | NA | 4.3 | 200 | Jun 2014 | FCBGA1170 | Laptop |
| AMD Turion Dual-Core RM-72 | $39.99* | 860 | 21.52 | 497 | 12.44 | 35 | 24 | Feb 2009 | S1 | Laptop |
| AMD Turion X2 Dual Core Mobile RM-70 | $132.56* | 858 | 6.48 | 459 | 3.47 | 31 | 27 | Nov 2009 | S1 | Laptop |
| Intel 1300 @ 1.66GHz | NA | 857 | NA | NA | NA | NA | NA | Dec 2009 | NA | Unknown |
| AMD Athlon II Neo K345 Dual-Core | NA | 856 | NA | 472 | NA | 12 | 71 | Jan 2011 | NA | Laptop |
| Intel Celeron N2815 @ 1.86GHz | NA | 856 | NA | 455 | NA | 7.5 | 114 | Feb 2014 | FCBGA1170 | Laptop |

## CPU Benchmarks ▼

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Intel Core2 Duo U3600 @ 1.20GHz | NA | 855 | NA | 458 | NA | 10 | 85 | May 2009 | BGA956 | Laptop |
| Intel Pentium SU4100 @ 1.30GHz | NA | 853 | NA | 516 | NA | 10 | 85 | Sep 2009 | BGA956 | Laptop |
| Intel Atom E3827 @ 1.74GHz | NA | 849 | NA | 397 | NA | 8 | 106 | Mar 2016 | FCBGA1170 | Laptop |
| Intel Pentium T2370 @ 1.73GHz | $35.00* | 848 | 24.25 | 579 | 16.56 | 35 | 24 | Dec 2008 | PPGA478 | Laptop |
| Intel Core2 Duo L7400 @ 1.50GHz | NA | 846 | NA | 536 | NA | 17 | 49 | May 2011 | BGA479 | Laptop |
| Intel Atom D2700 @ 2.13GHz | NA | 842 | NA | 353 | NA | 10 | 84 | Dec 2011 | BGA559 | Desktop |
| Intel Pentium T1080 @ 1.73GHz | NA | 842 | NA | NA | NA | NA | NA | Nov 2011 | NA | Unknown |
| AMD Athlon 64 X2 Dual Core TK-53 | $29.97* | 839 | 28.02 | 480 | 16.03 | 31 | 27 | Mar 2009 | NA | Unknown |
| AMD Athlon 64 X2 Dual Core TK-55 | $57.74* | 839 | 14.53 | 553 | 9.59 | 31 | 27 | Nov 2009 | NA | Unknown |
| Intel Core2 Duo T5250 @ 1.50GHz | NA | 839 | NA | 527 | NA | 35 | 23 | Dec 2008 | PGA478 | Laptop |
| Intel Core2 Duo T5200 @ 1.60GHz | NA | 831 | NA | 543 | NA | 34 | 24 | Feb 2009 | Socket M | Laptop |
| AMD Athlon Neo X2 Dual Core L335 | NA | 828 | NA | 457 | NA | 18 | 46 | Aug 2009 | NA | Unknown |
| Intel Pentium T2330 @ 1.60GHz | NA | 828 | NA | 560 | NA | 35 | 23 | Feb 2009 | PPGA478 | Laptop |
| AMD E2-2000 APU | NA | 825 | NA | 462 | NA | 18 | 45 | Mar 2013 | BGA413,FT1 | Laptop |
| Intel Core2 Duo L7300 @ 1.40GHz | NA | 825 | NA | 531 | NA | 17 | 48 | Jun 2009 | BGA479 | Laptop |
| AMD Athlon 64 X2 Dual-Core TK-53 | NA | 823 | NA | 515 | NA | 31 | 26 | Feb 2009 | NA | Unknown |
| Intel Core Duo T2450 @ 2.00GHz | NA | 822 | NA | 615 | NA | 31 | 26 | Mar 2009 | PGA478 | Laptop |
| AMD E2-1800 APU | NA | 814 | NA | 446 | NA | 18 | 45 | Jun 2012 | FT1 | Desktop |
| Intel Celeron B720 @ 1.70GHz | NA | 814 | NA | NA | NA | 35 | 23 | Jul 2012 | NA | Laptop |
| Intel Pentium U5400 @ 1.20GHz | NA | 814 | NA | 480 | NA | 18 | 45 | Aug 2010 | BGA1288 | Laptop |
| AMD Turion Neo X2 Dual Core L625 | NA | 813 | NA | 466 | NA | 18 | 45 | Jun 2009 | ASB1 | Laptop |
| Intel Core2 Duo T5270 @ 1.40GHz | NA | 813 | NA | 525 | NA | 35 | 23 | Nov 2008 | PGA478 | Laptop |
| Intel Atom x5-E3930 @ 1.30GHz | NA | 811 | NA | 557 | NA | 6.5 | 124 | Feb 2017 | BGA1296 | Laptop |
| Intel Pentium D 960 @ 3.60GHz | NA | 811 | NA | 852 | NA | 130 | 6 | Apr 2009 | PLGA775 | Desktop |
| Intel Celeron U3600 @ 1.20GHz | NA | 809 | NA | 480 | NA | 18 | 44 | Feb 2011 | BGA1288 | Laptop |
| AMD Sempron 145 | $94.92 | 806 | 8.50 | 886 | 9.34 | 45 | 17 | Oct 2010 | AM3 | Desktop |
| Intel Atom Z3770D @ 1.49GHz | NA | 805 | NA | 299 | NA | 4.4 | 182 | May 2014 | BGA1380 | Laptop |
| Intel Celeron N2806 @ 1.60GHz | NA | 799 | NA | 415 | NA | 4.5 | 177 | Feb 2014 | FCBGA1170 | Laptop |
| AMD G-T56N | NA | 796 | NA | 448 | NA | 18 | 44 | Mar 2011 | FT1 | Laptop |
| AMD Athlon II Neo N36L Dual-Core | NA | 795 | NA | 429 | NA | 12 | 66 | Dec 2010 | NA | Laptop |
| AMD Athlon 64 FX-25 | NA | 794 | NA | NA | NA | 95 | 8 | Nov 2009 | AM2+ | Unknown |
| Intel Core Duo T2400 @ 1.83GHz | $16.00* | 794 | 49.65 | 571 | 35.72 | 31 | 25 | Mar 2009 | BGA479 | Laptop |
| Intel Celeron N2810 @ 2.00GHz | $139.99* | 788 | 5.64 | 414 | 2.96 | 7.5 | 105 | Dec 2013 | FCBGA1170 | Laptop |
| AMD Athlon X2 Dual Core 3250e | NA | 778 | NA | 442 | NA | 22 | 35 | Oct 2009 | NA | Unknown |
| AMD Athlon Neo X2 Dual Core L325 | NA | 776 | NA | 450 | NA | 18 | 43 | Jan 2010 | NA | Unknown |
| AMD Athlon II Neo K325 Dual-Core | $25.99* | 775 | 29.84 | 430 | 16.57 | 12 | 64 | Jun 2010 | NA | Laptop |
| Intel Celeron SU2300 @ 1.20GHz | NA | 771 | NA | 480 | NA | 10 | 77 | Oct 2009 | BGA956 | Laptop |
| AMD E1-2200 APU | NA | 767 | NA | 417 | NA | 9 | 85 | Oct 2014 | FT3 | Laptop |
| AMD E-450 APU | NA | 765 | NA | 430 | NA | 18 | 42 | Aug 2011 | FT1 | Laptop |
| AMD Turion 64 X2 Mobile TL-52 | NA | 763 | NA | 470 | NA | 31 | 24 | Feb 2009 | S1 | Laptop |
| Intel Core Duo T2350 @ 1.86GHz | NA | 761 | NA | 561 | NA | 31 | 24 | Mar 2009 | PGA478 | Laptop |
| AMD Opteron 252 | $63.36* | 760 | 12.00 | NA | NA | 68 | 11 | May 2009 | 940 | Server |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Core2 Duo L7100 @ 1.20GHz | NA | 759 | NA | 459 | NA | NA | NA | Dec 2008 | BGA956 | Laptop |
| AMD E-350 APU | NA | 759 | NA | 416 | NA | 18 | 42 | Oct 2012 | FT1 BGA | Desktop, Laptop |
| AMD Sempron 150 | $44.95* | 759 | 16.91 | 866 | 19.27 | 45 | 16 | Apr 2011 | AM3 | Desktop |
| AMD Sempron LE-1640 | NA | 759 | NA | NA | NA | 45 | 16 | Oct 2012 | AM2 | Unknown |
| Intel Core Duo T2250 @ 1.73GHz | NA | 755 | NA | 551 | NA | 31 | 24 | Mar 2009 | PGA478 | Laptop |
| AMD G-T56E | NA | 751 | NA | 440 | NA | 18 | 41 | Jul 2013 | FT1 | Laptop |
| Intel Celeron 807 @ 1.50GHz | NA | 751 | NA | 695 | NA | 17 | 44 | Dec 2014 | BGA-1023 | Laptop |
| AMD Turion 64 X2 Mobile TL-50 | $49.99* | 747 | 14.95 | 464 | 9.30 | 31 | 24 | Feb 2009 | S1 | Laptop |
| Intel Core Duo L2500 @ 1.83GHz | NA | 747 | NA | 535 | NA | 15 | 49 | Mar 2009 | BGA479 | Laptop |
| AMD E-350 | NA | 745 | NA | 424 | NA | 18 | 41 | Jan 2011 | FT1 | Desktop, Laptop |
| Intel Pentium D 950 @ 3.40GHz | NA | 742 | NA | 801 | NA | 130 | 5 | Nov 2008 | PLGA775 | Desktop |
| AMD Athlon 64 FX-57 | NA | 740 | NA | 833 | NA | 104 | 7 | Mar 2009 | 939 | Desktop |
| AMD Sempron 140 | $39.59* | 740 | 18.70 | 839 | 21.21 | 45 | 16 | Aug 2009 | AM3 | Desktop |
| Intel Pentium T2310 @ 1.46GHz | NA | 735 | NA | 502 | NA | 35 | 21 | Dec 2008 | PPGA478 | Laptop |
| Intel Core Duo T2300 @ 1.66GHz | NA | 727 | NA | 528 | NA | 31 | 23 | Mar 2009 | BGA479 | Laptop |
| AMD E-350D APU | NA | 726 | NA | 430 | NA | 18 | 40 | Mar 2013 | NA | Unknown |
| AMD Athlon 64 FX-55 | $179.95* | 721 | 4.01 | 767 | 4.26 | 104 | 6 | Feb 2009 | 939 | Desktop |
| Intel Celeron U3400 @ 1.07GHz | NA | 721 | NA | 422 | NA | 18 | 40 | Sep 2010 | BGA1288 | Laptop |
| Intel Atom D2701 @ 2.13GHz | NA | 720 | NA | 342 | NA | 10 | 72 | May 2013 | BGA559 | Laptop |
| Intel Core Duo L2300 @ 1.50GHz | NA | 719 | NA | 489 | NA | 15 | 47 | Feb 2010 | BGA479 | Desktop |
| AMD Athlon 64 FX-59 | NA | 715 | NA | 884 | NA | NA | NA | May 2013 | 939 | Desktop |
| Intel Atom D2560 @ 2.00GHz | NA | 711 | NA | 325 | NA | 10 | 71 | Dec 2013 | NA | Desktop |
| Intel Pentium D 940 @ 3.20GHz | NA | 710 | NA | 758 | NA | 130 | 5 | Dec 2008 | PLGA775 | Desktop |
| Intel Pentium T2080 @ 1.73GHz | $159.95* | 706 | 4.41 | 542 | 3.39 | 31 | 22 | Dec 2008 | PGA478 | Laptop |
| Intel Pentium T2130 @ 1.86GHz | NA | 706 | NA | 566 | NA | 31 | 22 | Feb 2009 | PGA478 | Laptop |
| Intel Atom D525 @ 1.80GHz | NA | 705 | NA | 285 | NA | 13 | 54 | Jun 2010 | BGA559 | Desktop |
| Intel Core Duo L2400 @ 1.66GHz | NA | 705 | NA | 520 | NA | 15 | 47 | May 2009 | BGA479 | Laptop |
| Intel Pentium 5 2.66GHz | NA | 705 | NA | NA | NA | NA | NA | Mar 2012 | NA | Desktop |
| AMD Opteron 154 | NA | 703 | NA | 821 | NA | 104 | 6 | Dec 2011 | 939 | Server |
| AMD Sempron 130 | $24.99* | 700 | 28.03 | 751 | 30.07 | 45 | 15 | Apr 2012 | AM2+/AM3 | Unknown |
| Intel Core2 Duo U7700 @ 1.33GHz | NA | 700 | NA | 436 | NA | 10 | 70 | Dec 2008 | NA | Laptop |
| Intel Celeron G440 @ 1.60GHz | $49.99* | 694 | 13.90 | 740 | 14.82 | 35 | 19 | Feb 2012 | LGA1155 | Desktop |
| AMD Opteron 254 | NA | 693 | NA | 889 | NA | 68 | 10 | Dec 2012 | 940 | Server |
| Intel Core Duo T2050 @ 1.60GHz | NA | 693 | NA | 497 | NA | 31 | 22 | Dec 2008 | PGA478 | Desktop |
| AMD E1-1500 APU | NA | 689 | NA | 388 | NA | 18 | 38 | Mar 2013 | FT1 | Laptop |
| Intel Celeron 925 @ 2.30GHz | NA | 689 | NA | 747 | NA | 35 | 19 | Dec 2010 | NA | Laptop |
| Intel Celeron U3405 @ 1.07GHz | NA | 684 | NA | NA | NA | 18 | 38 | Jan 2011 | BGA1288 | Laptop |
| Intel Core2 Duo L7200 @ 1.33GHz | NA | 684 | NA | NA | NA | 17 | 40 | Jul 2010 | PBGA479 | Laptop |
| Intel Xeon MV 3.20GHz | NA | 683 | NA | 447 | NA | 90 | 7 | May 2015 | mPGA604 | Server |
| Intel Atom D2550 @ 1.86GHz | NA | 681 | NA | 304 | NA | 10 | 68 | Jul 2012 | BGA559 | Desktop |
| AMD Athlon LE-1660 | NA | 679 | NA | 748 | NA | 45 | 15 | Apr 2009 | AM2 | Desktop |
| AMD V160 | NA | 677 | NA | 730 | NA | 25 | 27 | Jan 2011 | S1 | Laptop |
| Intel Celeron 900 @ 2.20GHz | $28.99 | 676 | 23.34 | 783 | 27.01 | 34.8 | 19 | Aug 2009 | PGA478 | Laptop |
| AMD Athlon 1640B | $50.00* | 670 | 13.42 | 776 | 15.53 | 45 | 14 | May 2009 | AM2 | Desktop |
| Intel Core2 Duo U7600 @ 1.20GHz | NA | 668 | NA | 432 | NA | 10 | 66 | Feb 2009 | BGA479 | Laptop |
| AMD G-T48E | NA | 667 | NA | 377 | NA | 18 | 37 | Aug 2013 | FT1 | Laptop |

| CPU Name | Price[1] | CPU Mark | CPU Value[2] | Thread Mark | Thread Value[3] | TDP (W) | Power Perf.[4] | Test Date[5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Pentium T2060 @ 1.60GHz | NA | 659 | NA | 511 | NA | 31 | 21 | Dec 2009 | PGA478 | Laptop |
| AMD Opteron 152 | NA | 658 | NA | 749 | NA | 104 | 6 | Jul 2009 | 939 | Server |
| Intel Atom D510 @ 1.66GHz | $97.16* | 658 | 6.78 | 264 | 2.73 | 13 | 50 | Jan 2010 | BGA559 | Desktop |
| Intel Atom K510 @ 1.66GHz | NA | 658 | NA | NA | NA | NA | NA | Apr 2010 | NA | Unknown |
| AMD E1-1200 APU | NA | 654 | NA | 364 | NA | 18 | 36 | Aug 2012 | FT1 | Laptop |
| AMD Opteron 250 | $11.00* | 649 | 59.01 | NA | NA | 85.3 | 7 | Feb 2009 | 940 | Server |
| AMD Athlon 64 FX-53 | $29.99* | 646 | 21.57 | NA | NA | 89 | 7 | Feb 2009 | 940 | Desktop |
| AMD Athlon X2 Dual Core L310 | NA | 645 | NA | 350 | NA | 13 | 49 | Oct 2009 | S1 | Laptop |
| VIA Nano L3600@2000MHz | NA | 645 | NA | NA | NA | NA | NA | Sep 2011 | BGA400 | Laptop |
| AMD V140 | $49.95* | 643 | 12.89 | 698 | 13.98 | 25 | 25 | Oct 2010 | S1 | Laptop |
| Intel Core 330 @ 1.60GHz | NA | 643 | NA | NA | NA | NA | NA | Dec 2010 | NA | Unknown |
| AMD E1-2100 APU | NA | 642 | NA | 364 | NA | 9 | 71 | Jul 2013 | FT3 | Laptop |
| Intel Pentium D 830 @ 3.00GHz | NA | 642 | NA | 697 | NA | 95 | 6 | Dec 2008 | PLGA775 | Desktop |
| AMD Sempron LE-1620 | NA | 635 | NA | NA | NA | NA | NA | Mar 2009 | NA | Unknown |
| AMD A4-1200 APU | NA | 632 | NA | 365 | NA | 3.9 | 162 | Oct 2013 | FT3 | Laptop |
| AMD Opteron 246 | $19.99* | 632 | 31.62 | NA | NA | 89 | 7 | May 2009 | 940 | Server |
| AMD Athlon LE-1640 | NA | 629 | NA | 718 | NA | 45 | 13 | Feb 2009 | AM2 | Desktop |
| AMD Athlon II 170u | $17.99 | 627 | 34.86 | 633 | 35.24 | 20 | 31 | Oct 2010 | AM2+,AM3 | Desktop |
| Intel Celeron 450 @ 2.20GHz | $29.99* | 626 | 20.90 | 733 | 24.47 | 35 | 17 | Mar 2009 | LGA775 | Desktop |
| Intel Atom N2800 @ 1.86GHz | NA | 625 | NA | 287 | NA | 6.5 | 96 | Dec 2011 | BGA559 | Laptop |
| AMD V120 | NA | 623 | NA | 664 | NA | 25 | 24 | Jun 2010 | S1 | Laptop |
| AMD A4-1250 APU | NA | 622 | NA | 359 | NA | 8 | 77 | Jul 2013 | FT3 | Laptop |
| AMD Turion 64 Mobile ML-42 | NA | 615 | NA | 699 | NA | 35 | 17 | May 2009 | 754 | Laptop |
| Intel Celeron 827E @ 1.40GHz | NA | 613 | NA | 704 | NA | 17 | 36 | May 2012 | FCBGA1023 | Laptop |
| AMD E-300 APU | NA | 609 | NA | 340 | NA | 18 | 33 | Oct 2011 | FT1 | Laptop |
| AMD Athlon 64 4000+ | $183.27* | 608 | 3.32 | 677 | 3.70 | 62 | 9 | Dec 2008 | AM2 | Unknown |
| VIA Nano X2 U4025 @ 1.2 GHz | NA | 605 | NA | 328 | NA | NA | NA | Jul 2013 | BGA400 | Laptop |
| AMD Opteron 150 | NA | 604 | NA | 724 | NA | 85.3 | 7 | Mar 2009 | 939 | Server |
| Intel Xeon 3.80GHz | $851.00* | 604 | 0.71 | 914 | 1.07 | 110 | 5 | Apr 2009 | PPGA604 | Server |
| AMD Opteron 148 | NA | 603 | NA | 681 | NA | 85.3 | 7 | May 2009 | 939 | Server |
| AMD Athlon 64 3600+ | NA | 601 | NA | NA | NA | NA | NA | Nov 2009 | Socket 754 | Desktop |
| AMD Athlon 64 3700+ | $69.00* | 598 | 8.67 | 655 | 9.51 | 89 | 6 | Dec 2008 | 939 | Unknown |
| AMD Sempron LE-1300 | $22.00 | 598 | 27.19 | 617 | 28.06 | 45 | 13 | May 2009 | AM2 | Desktop |
| AMD Turion 64 Mobile ML-44 | NA | 591 | NA | 721 | NA | 35 | 16 | Mar 2009 | 754 | Laptop |
| Intel Core2 Duo U7500 @ 1.06GHz | NA | 590 | NA | 383 | NA | 10 | 59 | Mar 2009 | BGA479 | Laptop |
| AMD Athlon 64 3800+ | $109.95 | 589 | 5.36 | 672 | 6.12 | 45 | 13 | Jan 2009 | AM2 | Unknown |
| Intel Core2 Duo Q6867 @ 3.00GHz | NA | 589 | NA | NA | NA | NA | NA | Jul 2011 | NA | Unknown |
| Intel Atom 330 @ 1.60GHz | NA | 586 | NA | 252 | NA | 8 | 73 | Feb 2009 | BGA437 | Desktop |
| Intel Celeron D 430 @ 1.80GHz | NA | 585 | NA | NA | NA | 35 | 16 | Mar 2009 | LGA775 | Desktop |
| Intel Pentium D 915 @ 2.80GHz | NA | 584 | NA | 653 | NA | 95 | 6 | Dec 2008 | PLGA775 | Desktop |
| AMD Sempron M120 | NA | 582 | NA | 629 | NA | 25 | 23 | Feb 2010 | S1 | Laptop |
| VIA Nano L3050@1800MHz | NA | 581 | NA | NA | NA | 25 | 23 | Sep 2011 | BGA400 | Laptop |
| Intel Atom E3825 @ 1.33GHz | $70.32* | 579 | 8.24 | 284 | 4.05 | 6 | 96 | Jun 2014 | FCBGA1170 | Desktop |
| AMD Athlon LE-1620 | $18.00* | 578 | 32.12 | 678 | 37.70 | 45 | 12 | Mar 2009 | AM2 | Desktop |
| AMD Athlon 64 3300+ | NA | 576 | NA | 734 | NA | NA | NA | Mar 2009 | NA | Unknown |
| Mobile AMD Athlon 64 4000+ | NA | 576 | NA | 711 | NA | 62 | 9 | Mar 2009 | NA | Laptop |
| AMD Athlon 64 2200+ | NA | 575 | NA | NA | NA | NA | NA | Sep 2011 | NA | Unknown |
| Intel Atom N570 @ 1.66GHz | $86.00* | 574 | 6.68 | 258 | 3.01 | 8.5 | 67 | Apr 2011 | BGA559 | Laptop |
| Mobile AMD Athlon XP | $12.49 | 572 | 45.81 | NA | NA | NA | NA | Apr 2011 | NA | Laptop |
| AMD Athlon XP 3400+ | NA | 570 | NA | NA | NA | NA | NA | Sep 2009 | NA | Unknown |
| Intel Atom Z2760 @ 1.80GHz | NA | 570 | NA | 276 | NA | NA | NA | Sep 2012 | FC-MB4760 | Laptop |
| AMD Sempron M100 | $12.00* | 566 | 47.17 | 615 | 51.28 | NA | NA | Nov 2009 | NA | Unknown |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD Athlon II ~~~~ | $~~.~~* | ~~~ | ~~.~~ | ~~~ | ~~.~~ | ~~ | ~~ | Jan 20~~ | NA | Desktop |
| AMD C-70 APU | NA | 558 | NA | 311 | NA | 9 | 62 | Dec 2012 | NA | Unknown |
| AMD Athlon LE-1600 | $21.00* | 557 | 26.57 | 631 | 30.06 | 45 | 12 | Mar 2009 | AM2 | Desktop |
| AMD Sempron 3800+ | $152.92* | 554 | 3.62 | 649 | 4.25 | 62 | 8 | Dec 2008 | AM2 | Desktop |
| AMD Athlon 64 3400+ | NA | 545 | NA | 653 | NA | 89 | 6 | Jan 2009 | 754 | Unknown |
| AMD C-60 APU | NA | 544 | NA | 309 | NA | 9 | 60 | Aug 2011 | NA | Unknown |
| Intel Celeron 440 @ 2.00GHz | $29.99 | 544 | 18.15 | 662 | 22.08 | 35 | 15 | Mar 2009 | LGA775 | Desktop |
| Intel Core Duo U2400 @ 1.06GHz | NA | 544 | NA | 339 | NA | 9 | 60 | Mar 2009 | BGA479 | Laptop |
| AMD Sempron LE-1250 | $99.95* | 543 | 5.44 | 602 | 6.03 | 45 | 12 | Feb 2009 | AM2 | Desktop |
| Intel Celeron M 540 @ 1.86GHz | NA | 542 | NA | NA | NA | 30 | 18 | Dec 2009 | µFCPGA-478 | Laptop |
| AMD Athlon 64 3500+ | $108.95* | 541 | 4.97 | 621 | 5.70 | 45 | 12 | Dec 2008 | AM2 | Unknown |
| AMD Athlon XP-M | $34.95* | 541 | 15.48 | NA | NA | NA | NA | Mar 2009 | NA | Unknown |
| AMD Turion 64 Mobile MT-40 | NA | 536 | NA | NA | NA | 25 | 21 | Sep 2009 | 754 | Laptop |
| AMD Sempron LE-1600 | NA | 535 | NA | NA | NA | NA | NA | Jul 2009 | NA | Unknown |
| AMD Opteron 146 | $59.99* | 532 | 8.87 | 615 | 10.26 | 67 | 7 | Mar 2009 | 939 | Server |
| Intel Celeron 560 @ 2.13GHz | $79.95 | 531 | 6.65 | 667 | 8.35 | 31 | 17 | Jan 2009 | PGA478 | Laptop |
| AMD Sempron LE-1200 | NA | 529 | NA | 609 | NA | 45 | 11 | Mar 2009 | AM2 | Desktop |
| Intel Pentium D 805 @ 2.66GHz | NA | 529 | NA | 618 | NA | 95 | 5 | Dec 2008 | PLGA775 | Desktop |
| Intel Atom N2600 @ 1.60GHz | NA | 527 | NA | 252 | NA | 3.5 | 150 | Feb 2012 | BGA559 | Laptop |
| AMD Athlon II Neo K145 | NA | 525 | NA | 560 | NA | 12 | 43 | Jan 2011 | S1 | Laptop |
| Intel 2.80GHz | NA | 525 | NA | 701 | NA | NA | NA | Jun 2019 | NA | Unknown |
| AMD Z-01 | NA | 523 | NA | 244 | NA | NA | NA | Dec 2011 | NA | Unknown |
| Intel Atom N550 @ 1.50GHz | $86.00* | 523 | 6.09 | 234 | 2.73 | 8.5 | 61 | Sep 2010 | BGA559 | Laptop |
| AMD Turion 64 Mobile ML-40 | NA | 522 | NA | 647 | NA | 35 | 14 | Feb 2009 | 754 | Laptop |
| Intel Celeron 540 @ 1.86GHz | NA | 521 | NA | 626 | NA | 30 | 17 | Mar 2009 | PGA478 | Laptop |
| Intel Celeron 550 @ 2.00GHz | $64.95* | 519 | 7.99 | 627 | 9.66 | 31 | 16 | Mar 2009 | BGA479 | Laptop |
| Intel Celeron 570 @ 2.26GHz | NA | 517 | NA | 666 | NA | 31 | 16 | Jun 2009 | PGA478 | Laptop |
| VIA Nano L3025@1600MHz | NA | 517 | NA | NA | NA | NA | NA | Sep 2011 | BGA400 | Laptop |
| AMD G-T40N | NA | 516 | NA | NA | NA | 9 | 57 | Aug 2011 | FT1 | Laptop |
| AMD Turion 64 Mobile MK-38 | NA | 513 | NA | 614 | NA | 31 | 16 | Mar 2009 | S1 | Laptop |
| Mobile AMD Athlon XP-M | NA | 512 | NA | NA | NA | NA | NA | Dec 2009 | NA | Laptop |
| Mobile AMD Athlon 64 3400+ | NA | 511 | NA | 664 | NA | 81.5 | 6 | Feb 2009 | NA | Laptop |
| Intel Pentium M 2.26GHz | NA | 509 | NA | 635 | NA | 27 | 18 | Mar 2009 | H-PBGA479, PPGA4 | Laptop |
| Intel Xeon 3.60GHz | $851.00* | 509 | 0.60 | 790 | 0.93 | 110 | 4 | Mar 2009 | PPGA604 | Server |
| Mobile AMD Athlon XP-M (LV) | NA | 508 | NA | NA | NA | NA | NA | Aug 2011 | NA | Laptop |
| Intel Core Duo U2500 @ 1.20GHz | NA | 507 | NA | 383 | NA | 9 | 56 | Feb 2009 | BGA479 | Laptop |
| AMD Athlon 2850e | NA | 506 | NA | 493 | NA | 22 | 23 | Nov 2009 | AM2 | Desktop |
| Mobile AMD Athlon XP-M (LV) 3200+ | NA | 505 | NA | NA | NA | NA | NA | Mar 2011 | NA | Laptop |
| VIA Nano U3100 (1.6GHz Capable) | NA | 501 | NA | NA | NA | 9 | 55 | Jan 2011 | BGA400 | Laptop |
| AMD Z-60 APU | NA | 500 | NA | 273 | NA | 4.5 | 111 | Mar 2013 | FT1 | Laptop |
| Intel Pentium M 2.13GHz | NA | 499 | NA | 632 | NA | 27 | 18 | Feb 2009 | H-PBGA479, PPGA4 | Laptop |
| VIA Eden X2 U4200 @ 1.0+ GHz | NA | 499 | NA | 265 | NA | NA | NA | Jan 2013 | NA | Unknown |
| AMD Athlon MP 2800+ | NA | 497 | NA | NA | NA | NA | NA | May 2009 | NA | Unknown |
| Mobile AMD Athlon MP-M 2800+ | NA | 496 | NA | NA | NA | NA | NA | Oct 2011 | NA | Laptop |
| AMD Athlon 64 3200+ | $149.95* | 494 | 3.30 | 578 | 3.86 | 62 | 7 | Dec 2008 | AM2 | Unknown |
| Intel Xeon 3.06GHz | NA | 491 | NA | NA | NA | NA | NA | Feb 2009 | NA | Server |
| AMD Sempron LE-250 | NA | 490 | NA | NA | NA | NA | NA | Dec 2011 | NA | Unknown |
| Intel Atom E3826 @ 1.46GHz | NA | 489 | NA | 312 | NA | 7 | 69 | Jun 2016 | FCBGA1170 | Laptop |
| Intel Celeron 430 @ 1.80GHz | $47.18 | 487 | 10.33 | 597 | 12.67 | 35 | 13 | Feb 2009 | LGA775 | Desktop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Mobile AMD Athlon XP-M 3200+ | NA | 487 | NA | NA | NA | NA | NA | Sep 2009 | NA | Laptop |
| AMD Opteron 144 | $65.00* | 486 | 7.48 | 578 | 8.91 | 67 | 7 | Nov 2008 | 939 | Server |
| Intel Pentium 4 3.73GHz | NA | 486 | NA | 701 | NA | 115 | 4 | Mar 2009 | NA | Desktop |
| AMD Athlon 3100+ | NA | 485 | NA | NA | NA | NA | NA | Mar 2009 | NA | Unknown |
| Intel Pentium 4 3.60GHz | NA | 485 | NA | 792 | NA | 115 | 4 | Nov 2008 | NA | Desktop |
| Intel Pentium 4 3.80GHz | NA | 485 | NA | 816 | NA | 65 | 7 | Dec 2008 | NA | Desktop |
| Mobile AMD Sempron 3800+ | NA | 485 | NA | 572 | NA | NA | NA | Dec 2009 | NA | Laptop |
| AMD Sempron 3300+ | $110.27* | 484 | 4.39 | 605 | 5.49 | 62 | 7 | Dec 2008 | 754 | Desktop |
| AMD Turion 64 Mobile MT-37 | NA | 484 | NA | 583 | NA | 25 | 19 | Mar 2009 | 754 | Laptop |
| Intel Pentium M 756 @ 1.66GHz | NA | 484 | NA | NA | NA | NA | NA | Mar 2010 | NA | Unknown |
| AMD Sempron 3600+ | $12.00* | 483 | 40.30 | 560 | 46.72 | 62 | 7 | Mar 2009 | AM2 | Desktop |
| Intel Celeron D 420 @ 1.60GHz | NA | 481 | NA | 597 | NA | 35 | 13 | Apr 2011 | LGA775 | Desktop |
| Intel Xeon 3.40GHz | NA | 478 | NA | 743 | NA | 103 | 4 | Nov 2008 | PPGA604 | Server |
| Mobile Intel Pentium 4 3.46GHz | NA | 478 | NA | NA | NA | NA | NA | Oct 2009 | NA | Laptop |
| AMD Athlon II Neo K125 | NA | 477 | NA | 501 | NA | 12 | 39 | Jun 2010 | S1 | Laptop |
| AMD Opteron 248 | $99.95 | 476 | 4.77 | NA | NA | 89 | 5 | Mar 2009 | 940 | Server |
| Mobile AMD Athlon XP-M (LV) 2800+ | NA | 475 | NA | NA | NA | NA | NA | Mar 2011 | NA | Laptop |
| Intel Celeron 530 @ 1.73GHz | $22.99* | 474 | 20.62 | 575 | 25.03 | 27 | 17 | Mar 2009 | PGA478 | Laptop |
| AMD Athlon QI-46 | NA | 473 | NA | NA | NA | NA | NA | Apr 2009 | NA | Unknown |
| Intel Core Solo T1400 @ 1.83GHz | NA | 470 | NA | 581 | NA | 27 | 17 | Jun 2009 | PGA478 | Laptop |
| AMD G-T40E | NA | 467 | NA | 269 | NA | 6.4 | 72 | Oct 2011 | FT1 | Laptop |
| AMD C-60 | NA | 466 | NA | 318 | NA | 9 | 51 | Oct 2011 | NA | Unknown |
| AMD Turion 64 Mobile MK-36 | NA | 465 | NA | 542 | NA | 31 | 15 | Jan 2009 | S1 | Laptop |
| Intel Core2 Solo U3500 @ 1.40GHz | NA | 465 | NA | 520 | NA | 5.5 | 84 | Jul 2009 | BGA956 | Laptop |
| AMD Athlon 64 3000+ | $74.95 | 464 | 6.19 | 550 | 7.34 | 89 | 5 | Dec 2008 | Socket 754 | Desktop |
| AMD Athlon XP 2300+ | NA | 464 | NA | NA | NA | NA | NA | Aug 2009 | NA | Unknown |
| AMD Athlon 2400+ | NA | 462 | NA | NA | NA | NA | NA | Sep 2009 | NA | Unknown |
| AMD C-50 | NA | 462 | NA | 266 | NA | 9 | 51 | Jan 2011 | FT1 | Laptop |
| Intel Celeron M 530 @ 1.73GHz | NA | 462 | NA | 568 | NA | 30 | 15 | Mar 2009 | PBGA479, PPGA478 | Laptop |
| Intel Pentium M 2.00GHz | NA | 461 | NA | 582 | NA | 21 | 21 | Feb 2009 | H-PBGA479, PPGA4 | Laptop |
| Intel Xeon 3.20GHz | NA | 461 | NA | 756 | NA | 103 | 4 | Feb 2009 | PPGA604 | Server |
| Intel Celeron N2805 @ 1.46GHz | NA | 460 | NA | 295 | NA | 4.3 | 106 | Nov 2013 | FCBGA1170 | Laptop |
| AMD Athlon 3200+ | $60.00* | 458 | 7.63 | NA | NA | 62 | 7 | Aug 2010 | AM2 | Unknown |
| Intel Celeron M 723 @ 1.20GHz | NA | 457 | NA | 482 | NA | 10 | 45 | Oct 2009 | BGA956 | Laptop |
| VIA Nano L1900@1400MHz | NA | 457 | NA | NA | NA | NA | NA | Jul 2011 | NA | Unknown |
| AMD Sempron SI-42 | $30.01* | 455 | 15.19 | 531 | 17.71 | 25 | 18 | Mar 2009 | S1 | Laptop |
| AMD Sempron 3400+ | $69.98 | 454 | 6.50 | 521 | 7.46 | 62 | 7 | Dec 2008 | AM2 | Desktop |
| Intel Pentium 4 3.46GHz | NA | 454 | NA | 788 | NA | 110.7 | 4 | Mar 2009 | NA | Desktop |
| AMD Sempron 3100+ | $60.00* | 452 | 7.53 | 539 | 9.00 | 62 | 7 | Mar 2009 | 754 | Desktop |
| Intel Celeron 420 @ 1.60GHz | $39.99* | 451 | 11.29 | 544 | 13.61 | 35 | 12 | Feb 2009 | LGA775 | Desktop |
| Intel Celeron M 450 @ 2.00GHz | NA | 450 | NA | 641 | NA | 27 | 16 | Nov 2009 | PPGA478 | Laptop |
| Mobile AMD Athlon 64 3000+ | NA | 450 | NA | NA | NA | 81.5 | 5 | Mar 2009 | NA | Laptop |
| Intel Pentium M 2.10GHz | NA | 448 | NA | 543 | NA | 21 | 21 | Feb 2009 | H-PBGA479, PPGA4 | Laptop |
| Mobile AMD Athlon 64 3200+ | NA | 448 | NA | 573 | NA | 81.5 | 5 | Mar 2009 | NA | Laptop |
| AMD Athlon 2800+ | $139.95* | 447 | 3.20 | 674 | 4.82 | 89 | 5 | Mar 2009 | 754 | Unknown |
| AMD Sempron SI-40 | $12.00* | 447 | 37.27 | 537 | 44.79 | 25 | 17 | Mar 2009 | S1 | Laptop |
| AMD Turion 64 Mobile ML-37 | $196.50* | 446 | 2.27 | 549 | 2.80 | 35 | 12 | Mar 2009 | 754 | Laptop |
| Mobile AMD Sempron 3300+ | NA | 446 | NA | 575 | NA | NA | NA | Feb 2009 | NA | Laptop |
| AMD Athlon 2600+ | $104.95* | 444 | 4.23 | NA | NA | NA | NA | Jun 2010 | NA | Unknown |
| Mobile AMD Sempron 3400+ | NA | 441 | NA | 494 | NA | 25 | 17 | Feb 2009 | Socket S1 (S1g1) | Laptop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Mobile AMD Athlon 64 2800+ | NA | 441 | NA | NA | NA | 35 | 42 | Nov 2009 | NA | Laptop |
| Mobile AMD Athlon XP-M 3100+ | NA | 440 | NA | NA | NA | NA | NA | Jan 2011 | NA | Laptop |
| AMD Sempron LE-1150 | NA | 439 | NA | 546 | NA | 45 | 9 | Mar 2009 | AM2 | Desktop |
| Mobile Intel Pentium 4 3.33GHz | NA | 439 | NA | 789 | NA | NA | NA | Feb 2009 | NA | Laptop |
| AMD Athlon 64 2800+ | $99.99* | 438 | 4.38 | 511 | 5.12 | 89 | 4 | Jan 2009 | 754 | Unknown |
| Intel Pentium M 1.86GHz | NA | 438 | NA | 552 | NA | 27 | 16 | Feb 2009 | H-PBGA479, PPGA4 | Laptop |
| AMD Athlon 64 FX-51 | NA | 437 | NA | NA | NA | 89 | 4 | May 2009 | 940 | Desktop |
| AMD Sempron LE-1100 | NA | 437 | NA | 523 | NA | 45 | 9 | Mar 2009 | AM2 | Desktop |
| AMD Athlon MP 2400+ | NA | 436 | NA | NA | NA | NA | NA | Sep 2009 | NA | Unknown |
| Intel T1200 @ 1.50GHz | NA | 435 | NA | NA | NA | NA | NA | Apr 2009 | NA | Unknown |
| Intel Xeon 2.66GHz | NA | 435 | NA | NA | NA | NA | NA | Mar 2009 | NA | Server |
| Mobile AMD Athlon 64 3700+ | NA | 435 | NA | 497 | NA | 81.5 | 5 | Mar 2009 | NA | Laptop |
| AMD Athlon XP 3100+ | NA | 433 | NA | 662 | NA | NA | NA | Apr 2009 | NA | Unknown |
| AMD Athlon XP 3200+ | NA | 432 | NA | 661 | NA | 62 | 6 | Dec 2008 | AM2 | Unknown |
| Intel Celeron M 520 @ 1.60GHz | NA | 431 | NA | 538 | NA | 30 | 14 | Nov 2008 | PPGA478 | Laptop |
| AMD Turion 64 Mobile MT-34 | NA | 429 | NA | 504 | NA | 24 | 17 | Mar 2009 | 754 | Laptop |
| AMD Opteron 142 | NA | 428 | NA | NA | NA | 84.7 | 5 | Jul 2009 | 940 | Server |
| VIA Nano L2100@1800MHz | NA | 428 | NA | 279 | NA | 25 | 17 | Jan 2011 | BGA400 | Laptop |
| Mobile AMD Sempron 3600+ | NA | 427 | NA | 520 | NA | 25 | 17 | Feb 2009 | S1 | Laptop |
| AMD Turion 64 Mobile MT-32 | NA | 426 | NA | 533 | NA | 24 | 17 | Mar 2009 | 754 | Laptop |
| AMD Turion 64 Mobile ML-34 | NA | 425 | NA | 505 | NA | 35 | 12 | Feb 2009 | 754 | Laptop |
| AMD Athlon XP 2900+ | NA | 424 | NA | 631 | NA | NA | NA | Apr 2009 | NA | Unknown |
| Intel Celeron 743 @ 1.30GHz | NA | 421 | NA | 484 | NA | 10 | 42 | Oct 2009 | BGA956 | Laptop |
| AMD Turion 64 Mobile MT-28 | NA | 419 | NA | NA | NA | 25 | 16 | Jul 2009 | 754 | Laptop |
| Mobile AMD Sempron 3100+ | NA | 416 | NA | 534 | NA | NA | NA | Jan 2009 | NA | Laptop |
| Intel Core2 Solo U3300 @ 1.20GHz | NA | 415 | NA | NA | NA | 5.5 | 75 | Nov 2010 | NA | Laptop |
| VIA Nano U2250 (1.6GHz Capable) | NA | 415 | NA | 397 | NA | 8 | 51 | Jan 2011 | BGA400 | Laptop |
| AMD Athlon TF-20 | NA | 413 | NA | 427 | NA | 15 | 27 | Jun 2009 | NA | Unknown |
| AMD Athlon 2100+ | NA | 412 | NA | NA | NA | NA | NA | Dec 2010 | NA | Unknown |
| Intel Pentium M 1.73GHz | NA | 412 | NA | 516 | NA | 27 | 15 | Jan 2009 | H-PBGA479, PPGA4 | Laptop |
| Intel Pentium M 1.80GHz | NA | 411 | NA | 523 | NA | 21 | 19 | Dec 2008 | H-PBGA479, PPGA4 | Laptop |
| AMD Athlon Neo MV-40 | NA | 410 | NA | 431 | NA | 15 | 27 | Apr 2009 | NA | Unknown |
| VIA Nano U3300@1200MHz | NA | 409 | NA | NA | NA | 7 | 58 | Feb 2011 | BGA400 | Laptop |
| AMD Sempron 3000+ | $20.00 | 408 | 20.41 | 513 | 25.66 | 62 | 6 | Dec 2008 | AM2 | Desktop |
| Intel Atom D2500 @ 1.86GHz | NA | 408 | NA | 294 | NA | 10 | 40 | Apr 2012 | BGA559 | Desktop |
| Mobile AMD Sempron 3500+ | NA | 408 | NA | 485 | NA | NA | NA | Jan 2009 | NA | Laptop |
| AMD Athlon 2650e | $19.00* | 407 | 21.46 | 460 | 24.22 | NA | NA | Jan 2009 | NA | Unknown |
| AMD Sempron 3200+ | $122.81 | 406 | 3.31 | 487 | 3.97 | 62 | 6 | Jan 2009 | AM2 | Desktop |
| Intel Pentium M 1.70GHz | NA | 406 | NA | 521 | NA | 24.5 | 16 | Dec 2008 | H-PBGA479, PPG | Laptop |
| Intel Pentium SU2700 @ 1.30GHz | NA | 405 | NA | 449 | NA | 10 | 40 | Aug 2009 | NA | Laptop |
| Intel Celeron D 365 @ 3.60GHz | $89.95* | 404 | 4.50 | NA | NA | 65 | 6 | Dec 2009 | LGA775 | Desktop |
| AMD K7 | NA | 403 | NA | NA | NA | NA | NA | May 2009 | NA | Unknown |
| AMD-K7 | NA | 403 | NA | NA | NA | NA | NA | Mar 2009 | NA | Unknown |
| AMD Athlon XP 3000+ | $79.70* | 402 | 5.06 | 609 | 7.65 | 62 | 6 | Mar 2009 | Socket A | Desktop |
| AMD Turion 64 Mobile ML-30 | NA | 402 | NA | 484 | NA | 35 | 11 | Mar 2009 | 754 | Laptop |
| AMD Turion 64 Mobile ML-32 | NA | 402 | NA | 496 | NA | 35 | 11 | Dec 2008 | 754 | Laptop |
| AMD Athlon XP2200+ | NA | 401 | NA | NA | NA | NA | NA | Feb 2010 | NA | Unknown |
| AMD GX-210JA SOC | NA | 401 | NA | 262 | NA | 6 | 66 | Jun 2015 | FT3 (769-BGA) | Laptop |
| AMD Athlon XP 2800+ | NA | 400 | NA | 627 | NA | 89 | 4 | Jan 2009 | 754 | Unknown |
| Intel Xeon 2.80GHz | NA | 400 | NA | 590 | NA | 103 | 3 | Nov 2008 | PPGA604 | Server |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Mobile AMD Athlon 64 2700+ | NA | 396 | NA | NA | NA | NA | NA | Mar 2010 | NA | Laptop |
| AMD Opteron 140 | $640.00 | 396 | 0.62 | NA | NA | 84.7 | 4 | Oct 2011 | 940 | Server |
| Intel Core Solo T1350 @ 1.86GHz | NA | 396 | NA | 515 | NA | 31 | 12 | Feb 2009 | NA | Laptop |
| AMD Athlon TF-36 | NA | 395 | NA | 386 | NA | 25 | 15 | May 2010 | NA | Unknown |
| Intel Pentium 4 3.40GHz | NA | 395 | NA | 756 | NA | 89 | 4 | Dec 2008 | PGA478 | Desktop |
| Mobile AMD Sempron 2600+ | NA | 394 | NA | 485 | NA | NA | NA | May 2009 | NA | Laptop |
| VIA Esther 2000MHz | NA | 394 | NA | NA | NA | NA | NA | Apr 2011 | NA | Unknown |
| AMD Athlon XP 2700+ | $84.79* | 393 | 4.64 | 611 | 7.22 | NA | NA | Dec 2008 | NA | Unknown |
| Intel Celeron M 1.70GHz | NA | 393 | NA | 532 | NA | NA | NA | Mar 2009 | NA | Laptop |
| Intel Core Solo T1300 @ 1.66GHz | NA | 393 | NA | 520 | NA | 27 | 14 | Feb 2009 | PGA478 | Laptop |
| AMD Sempron 2100+ | NA | 392 | NA | NA | NA | 8 | 49 | Oct 2009 | NA | Unknown |
| Intel Celeron M 440 @ 1.86GHz | NA | 392 | NA | 548 | NA | 27 | 14 | Dec 2008 | PBGA479, PPGA478 | Laptop |
| AMD Sempron 210U | NA | 391 | NA | 452 | NA | 15 | 26 | Jul 2009 | NA | Unknown |
| Intel Xeon 3.00GHz | NA | 391 | NA | 607 | NA | 103 | 3 | Feb 2009 | PPGA604 | Server |
| AMD Athlon 2000+ | NA | 390 | NA | NA | NA | NA | NA | Aug 2009 | NA | Unknown |
| AMD Turion 64 Mobile ML-28 | NA | 390 | NA | 482 | NA | 25 | 15 | Mar 2009 | 754 | Laptop |
| Intel Celeron 723 @ 1.20GHz | NA | 390 | NA | 467 | NA | 10 | 39 | Nov 2009 | BGA956 | Laptop |
| Mobile AMD Sempron 3000+ | NA | 389 | NA | 487 | NA | NA | NA | Dec 2008 | NA | Laptop |
| AMD Sempron 2800+ | $39.95 | 383 | 9.60 | 486 | 12.18 | 62 | 6 | Dec 2008 | AM2 | Desktop |
| Intel Atom Z550 @ 2.00GHz | NA | 381 | NA | NA | NA | 2.4 | 158 | Nov 2009 | BGA441 | Laptop |
| AMD Athlon 64 FX-34 | NA | 380 | NA | NA | NA | NA | NA | Oct 2009 | NA | Unknown |
| AMD Sempron 3500+ | $20.00* | 379 | 18.98 | 480 | 24.02 | 62 | 6 | Mar 2009 | AM2 | Desktop |
| AMD Turion 64 Mobile MT-30 | NA | 378 | NA | 451 | NA | 25 | 15 | Mar 2009 | 754 | Laptop |
| Mobile AMD Athlon MP-M 2000+ | NA | 378 | NA | NA | NA | NA | NA | Apr 2009 | NA | Laptop |
| Intel Pentium M 1700MHz | NA | 376 | NA | 533 | NA | 24.5 | 15 | Mar 2009 | H-PBGA479, PPGA4 | Laptop |
| AMD Athlon 2500+ | $84.99 | 374 | 4.41 | NA | NA | NA | NA | Jun 2009 | NA | Unknown |
| AMD Athlon 64 2600+ | NA | 374 | NA | 448 | NA | 15 | 24 | Nov 2013 | NA | Unknown |
| AMD Athlon XP2400+ | NA | 374 | NA | 600 | NA | NA | NA | Sep 2009 | NA | Unknown |
| AMD Sempron 2600+ | $34.95 | 374 | 10.71 | 471 | 13.50 | NA | NA | Dec 2008 | Socket A | Desktop |
| Intel Pentium 4 3.20GHz | NA | 373 | NA | 694 | NA | 82 | 4 | Nov 2008 | PGA478 | Desktop |
| Mobile AMD Athlon XP-M (LV) 2200+ | NA | 373 | NA | NA | NA | NA | NA | Aug 2009 | NA | Laptop |
| AMD Athlon XP 2600+ | $23.03* | 372 | 16.18 | 584 | 25.37 | NA | NA | Dec 2008 | NA | Unknown |
| Mobile AMD Athlon 2500+ | NA | 370 | NA | 560 | NA | NA | NA | Oct 2009 | NA | Laptop |
| Mobile AMD Athlon XP-M 2600+ | NA | 370 | NA | 577 | NA | NA | NA | May 2009 | NA | Laptop |
| Intel Celeron 807UE @ 1.00GHz | NA | 369 | NA | 406 | NA | 10 | 36 | Jan 2013 | BGA-1023 | Laptop |
| VIA Nano L2007@1600MHz | NA | 369 | NA | 354 | NA | 25 | 14 | Jul 2012 | BGA400 | Laptop |
| Intel Celeron M 430 @ 1.73GHz | NA | 368 | NA | 506 | NA | 27 | 13 | Feb 2009 | PPGA478 | Laptop |
| VIA C7-D 2000MHz | NA | 368 | NA | NA | NA | NA | NA | Jul 2011 | BGA400 | Desktop |
| AMD Athlon XP Pro3+ | NA | 367 | NA | NA | NA | NA | NA | Feb 2010 | NA | Unknown |
| Intel Pentium M 1.50GHz | NA | 366 | NA | 461 | NA | 24.5 | 14 | Feb 2009 | H-PBGA479, PPG | Laptop |
| Mobile AMD Athlon XP-M 2800+ | NA | 365 | NA | 591 | NA | NA | NA | May 2009 | NA | Laptop |
| Mobile AMD Athlon XP-M 3000+ | NA | 365 | NA | 561 | NA | NA | NA | Oct 2009 | NA | Laptop |
| Intel Pentium M 1.60GHz | NA | 364 | NA | 463 | NA | 24.5 | 14 | Nov 2008 | H-PBGA479, PPG | Laptop |
| Mobile AMD Athlon XP-M 2200+ | NA | 364 | NA | 559 | NA | NA | NA | Mar 2009 | NA | Laptop |
| Mobile AMD Sempron 2800+ | NA | 364 | NA | 460 | NA | NA | NA | Feb 2009 | NA | Laptop |
| AMD Athlon 2200+ | $79.99* | 363 | 4.55 | NA | NA | NA | NA | Sep 2009 | NA | Unknown |
| Intel Celeron M 1.60GHz | NA | 362 | NA | 485 | NA | NA | NA | Mar 2009 | NA | Laptop |
| AMD Athlon XP 2400+ | $89.99* | 360 | 4.01 | 576 | 6.41 | NA | NA | Feb 2009 | NA | Unknown |
| Intel Core2 Solo U2100 @ 1.06GHz | NA | 359 | NA | 397 | NA | 5.5 | 65 | May 2009 | NA | Laptop |
| Mobile AMD Athlon 4 2400+ | NA | 358 | NA | 550 | NA | NA | NA | Nov 2010 | NA | Laptop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Mobile Intel Pentium 4 3.20GHz | NA | 355 | NA | 729 | NA | 82 | 4 | Feb 2009 | PGA478 | Desktop |
| AMD Athlon XP 2500+ | NA | 355 | NA | 543 | NA | NA | NA | Dec 2008 | NA | Unknown |
| Intel Pentium M 1500MHz | NA | 354 | NA | 486 | NA | 24.5 | 14 | Feb 2009 | H-PBGA479, PPGA4 | Laptop |
| Mobile AMD Sempron 3200+ | NA | 354 | NA | 409 | NA | NA | NA | Dec 2008 | NA | Laptop |
| AMD Athlon XP1900+ | NA | 353 | NA | NA | NA | NA | NA | Apr 2009 | NA | Unknown |
| Intel Pentium 4 3.00GHz | NA | 353 | NA | 650 | NA | 81.9 | 4 | Nov 2008 | PGA478 | Desktop |
| VIA Eden C1050@1.06GHz | NA | 352 | NA | 267 | NA | NA | NA | Nov 2017 | NA | Unknown |
| Intel Atom Z540 @ 1.86GHz | NA | 348 | NA | NA | NA | 2.4 | 145 | Sep 2009 | BGA441 | Laptop |
| Intel Pentium 4 3.06GHz | NA | 347 | NA | 659 | NA | 81.8 | 4 | Feb 2009 | PGA478 | Desktop |
| Intel Atom E680 @ 1.60GHz | NA | 346 | NA | NA | NA | 4.5 | 76 | Apr 2012 | BGA676 | Desktop |
| Mobile AMD Athlon XP-M 2400+ | NA | 346 | NA | 546 | NA | NA | NA | Feb 2009 | NA | Laptop |
| Mobile AMD Athlon XP-M 2500+ | NA | 346 | NA | 546 | NA | NA | NA | Mar 2009 | NA | Laptop |
| Intel Atom D425 @ 1.80GHz | $992.98* | 345 | 0.35 | 277 | 0.28 | 10 | 34 | Jan 2011 | BGA559 | Desktop |
| Intel Pentium M 1.40GHz | NA | 345 | NA | 425 | NA | 22 | 15 | Dec 2008 | H-PBGA479, PPG | Laptop |
| AMD Athlon XP 1700 | NA | 344 | NA | NA | NA | NA | NA | Apr 2010 | NA | Unknown |
| Intel Celeron M 1.50GHz | NA | 343 | NA | 451 | NA | 21 | 16 | Mar 2009 | PPGA478, H-PBGA4 | Laptop |
| Mobile AMD Athlon XP-M 1900+ | NA | 342 | NA | NA | NA | NA | NA | Apr 2009 | NA | Laptop |
| AMD Athlon MP 1700+ | NA | 339 | NA | NA | NA | NA | NA | Jun 2010 | NA | Unknown |
| Intel Celeron D 360 @ 3.46GHz | NA | 337 | NA | 744 | NA | 65 | 5 | Dec 2008 | PLGA775 | Desktop |
| Mobile Intel Pentium 4 3.06GHz | NA | 337 | NA | 650 | NA | 81.8 | 4 | Feb 2009 | PGA478 | Desktop |
| Intel Pentium M 1600MHz | NA | 335 | NA | 484 | NA | 24.5 | 13 | Feb 2009 | H-PBGA479, PPGA4 | Laptop |
| Mobile AMD Athlon XP-M (LV) 2000+ | NA | 335 | NA | NA | NA | NA | NA | Apr 2009 | NA | Laptop |
| AMD Sempron 2500+ | $139.95 | 334 | 2.39 | 465 | 3.32 | NA | NA | Mar 2009 | Socket A | Desktop |
| Intel Celeron M 420 @ 1.60GHz | NA | 334 | NA | 465 | NA | 27 | 12 | Feb 2009 | PPGA478 | Laptop |
| Intel Celeron 3.33GHz | NA | 333 | NA | 661 | NA | NA | NA | Mar 2009 | NA | Unknown |
| Intel Celeron M 1500MHz | NA | 333 | NA | 456 | NA | NA | NA | Mar 2009 | NA | Laptop |
| Intel Atom N470 @ 1.83GHz | NA | 332 | NA | 239 | NA | 6.5 | 51 | Apr 2010 | BGA559 | Laptop |
| Intel Atom E3815 @ 1.46GHz | $209.99 | 331 | 1.58 | 289 | 1.38 | 5 | 66 | May 2014 | FCBGA1170 | Desktop |
| Intel Core Solo U1500 @ 1.33GHz | NA | 330 | NA | 426 | NA | 5.5 | 60 | Mar 2009 | NA | Laptop |
| AMD Athlon XP 2200+ | $84.95* | 328 | 3.87 | 515 | 6.06 | NA | NA | Feb 2009 | NA | Unknown |
| Intel Celeron M 360 1.40GHz | NA | 328 | NA | 427 | NA | 21 | 15 | Dec 2008 | H-PBGA479, PPGA4 | Laptop |
| AMD Athlon XP 2100+ | NA | 323 | NA | 502 | NA | NA | NA | Feb 2009 | NA | Unknown |
| Mobile AMD Athlon XP-M 1700+ | NA | 323 | NA | NA | NA | NA | NA | Jan 2011 | NA | Laptop |
| Intel Celeron 215 @ 1.33GHz | NA | 322 | NA | 487 | NA | 27 | 11 | Nov 2009 | BGA479 | Laptop |
| Intel Pentium 4 2.80GHz | NA | 322 | NA | 633 | NA | 69.7 | 4 | Nov 2008 | PGA478 | Desktop |
| Intel Celeron 220 @ 1.20GHz | NA | 320 | NA | 392 | NA | 19 | 16 | Mar 2009 | BGA479 | Desktop |
| Intel Pentium M 1400MHz | NA | 320 | NA | 433 | NA | 22 | 14 | Feb 2009 | H-PBGA479, PPGA4 | Laptop |
| AMD E-240 | NA | 318 | NA | 353 | NA | 18 | 17 | Feb 2011 | FT1 | Laptop |
| AMD Sempron 2300+ | $45.00* | 318 | 7.07 | 483 | 10.73 | NA | NA | Mar 2009 | Socket A | Desktop |
| Intel Celeron M 1.30GHz | NA | 316 | NA | 422 | NA | NA | NA | Mar 2009 | NA | Laptop |
| Intel Celeron D 356 @ 3.33GHz | NA | 315 | NA | 708 | NA | 86 | 3 | Mar 2009 | PLGA775 | Desktop |
| Intel Celeron M 410 @ 1.46GHz | NA | 315 | NA | 422 | NA | 27 | 11 | Mar 2009 | PPGA478 | Laptop |
| Mobile Intel Pentium 4 2.80GHz | NA | 315 | NA | 610 | NA | 69.7 | 4 | Feb 2009 | PGA478 | Desktop |
| AMD Sempron 2400+ | $22.99 | 314 | 13.69 | 493 | 21.48 | NA | NA | Dec 2008 | Socket A | Desktop |
| Intel Atom N475 @ 1.83GHz | NA | 314 | NA | 280 | NA | 6.5 | 48 | Sep 2010 | BGA559 | Laptop |
| Mobile AMD Athlon 4 | $86.99* | 314 | 3.62 | NA | NA | NA | NA | Mar 2009 | NA | Laptop |
| Mobile Intel Pentium 4 - M 2.60GHz | NA | 313 | NA | NA | NA | NA | NA | Feb 2010 | NA | Laptop |
| AMD Athlon XP 1900+ | NA | 312 | NA | 479 | NA | NA | NA | Mar 2009 | NA | Unknown |

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| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Core2 Solo U2200 @ 1.20GHz | NA | 311 | NA | NA | NA | 5.5 | 55 | Feb 2010 | NA | Laptop |
| AMD C-30 | NA | 310 | NA | 317 | NA | 9 | 34 | May 2011 | FT1 | Laptop |
| Intel Pentium III 1266S @ 1266MHz | NA | 309 | NA | NA | NA | 30.4 | 10 | May 2009 | Socket 370 | Desktop |
| AMD G-T52R | NA | 308 | NA | 323 | NA | 18 | 17 | Nov 2011 | FT1 | Laptop |
| Intel Atom 230 @ 1.60GHz | NA | 307 | NA | 242 | NA | 4 | 76 | Mar 2009 | BGA437 | Desktop |
| VIA Nano U2500@1200MHz | NA | 306 | NA | 282 | NA | 7 | 43 | Aug 2011 | BGA400 | Laptop |
| AMD Athlon L110 | NA | 303 | NA | 343 | NA | 13 | 23 | Jul 2009 | NA | Unknown |
| Intel Celeron M 1300MHz | NA | 303 | NA | 421 | NA | NA | NA | Apr 2009 | NA | Laptop |
| Intel Pentium M 1300MHz | NA | 303 | NA | 416 | NA | 22 | 13 | Feb 2009 | H-PBGA479, PPGA4 | Laptop |
| Intel Atom N2100 @ 1.60GHz | NA | 302 | NA | 266 | NA | NA | NA | Sep 2012 | BGA559 | Laptop |
| Intel Celeron 1400MHz | NA | 302 | NA | NA | NA | NA | NA | Mar 2009 | NA | Unknown |
| Intel Celeron D 352 @ 3.20GHz | NA | 302 | NA | 688 | NA | 86 | 3 | Feb 2009 | PLGA775 | Desktop |
| Intel Atom D410 @ 1.66GHz | $635.99* | 301 | 0.47 | 252 | 0.40 | 10 | 30 | Feb 2010 | BGA559 | Desktop |
| Intel Pentium M 1.30GHz | NA | 301 | NA | 384 | NA | 22 | 13 | Feb 2009 | H-PBGA479, PPG | Laptop |
| AMD Athlon XP 1800+ | $58.95* | 300 | 5.10 | 462 | 7.85 | 66 | 4 | Mar 2009 | Socket A | Desktop |
| AMD Athlon XP 2000+ | $24.99* | 300 | 12.01 | 479 | 19.18 | 70 | 4 | Feb 2009 | Socket A | Desktop |
| Mobile AMD Athlon XP-M 2000+ | NA | 300 | NA | 462 | NA | NA | NA | Mar 2009 | NA | Laptop |
| AMD V105 | NA | 299 | NA | 355 | NA | 9 | 33 | Oct 2010 | BGA812 | Laptop |
| Intel Pentium III 1400S @ 1400MHz | NA | 299 | NA | 427 | NA | 32.2 | 9 | Jul 2009 | Socket 370 | Desktop |
| Intel Pentium M 1.20GHz | NA | 298 | NA | 379 | NA | NA | NA | Dec 2008 | NA | Unknown |
| Intel Pentium III 1400 @ 1400MHz | NA | 297 | NA | 418 | NA | 31.2 | 9 | Aug 2009 | Socket 370 | Desktop |
| Mobile AMD Athlon XP-M 1800+ | NA | 297 | NA | 447 | NA | 45 | 6 | Mar 2009 | Socket A | Laptop |
| Intel Atom N450 @ 1.66GHz | NA | 296 | NA | 243 | NA | 5.5 | 53 | Jan 2010 | BGA559 | Laptop |
| Mobile AMD Athlon XP-M (LV) 1600+ | NA | 296 | NA | NA | NA | NA | NA | May 2011 | NA | Laptop |
| VIA Nano L2207@1600MHz | NA | 296 | NA | 329 | NA | 17 | 17 | Jan 2014 | BGA400 | Laptop |
| Mobile AMD Athlon MP-M 2400+ | NA | 295 | NA | 483 | NA | NA | NA | Nov 2012 | NA | Laptop |
| AMD Athlon 1500+ | NA | 294 | NA | 422 | NA | NA | NA | Mar 2009 | NA | Unknown |
| Mobile Intel Celeron 1200MHz | NA | 294 | NA | NA | NA | NA | NA | Mar 2009 | NA | Laptop |
| Intel Pentium 4 2.93GHz | NA | 293 | NA | 620 | NA | NA | NA | Feb 2009 | NA | Desktop |
| AMD Geode NX 1750 | NA | 291 | NA | NA | NA | 25 | 11 | Sep 2009 | NA | Unknown |
| Intel Celeron 1333MHz | NA | 290 | NA | NA | NA | NA | NA | Aug 2010 | NA | Unknown |
| Mobile Intel Pentium III - M 1133MHz | NA | 289 | NA | NA | NA | 21.8 | 13 | Mar 2009 | BGA2, microPGA2 | Laptop |
| Mobile Intel Pentium III - M 1333MHz | NA | 289 | NA | NA | NA | 22 | 13 | Apr 2009 | BGA2, microPGA2 | Laptop |
| 686 Gen | NA | 288 | NA | NA | NA | NA | NA | Feb 2009 | NA | Unknown |
| AMD Athlon 7850 Dual-Core 2.8G | NA | 288 | NA | NA | NA | 95 | 3 | Apr 2011 | AM2+ | Desktop |
| Intel Celeron 1300MHz | NA | 288 | NA | NA | NA | NA | NA | Dec 2008 | NA | Unknown |
| Intel Celeron 3.20GHz | NA | 288 | NA | 658 | NA | NA | NA | Mar 2009 | NA | Unknown |
| Intel Pentium 4 2.60GHz | NA | 288 | NA | 637 | NA | 69 | 4 | Dec 2008 | PGA478 | Desktop |
| Mobile AMD Athlon XP-M (LV) 1500+ | NA | 288 | NA | NA | NA | NA | NA | Feb 2010 | NA | Laptop |
| AMD Athlon XP2100+ | NA | 287 | NA | NA | NA | NA | NA | Jun 2009 | NA | Unknown |
| VIA C7-D 1500MHz | NA | 287 | NA | NA | NA | 20 | 14 | Oct 2011 | BGA400 | Desktop |
| Intel Celeron 3.06GHz | NA | 284 | NA | 641 | NA | NA | NA | Feb 2009 | NA | Unknown |
| Intel Pentium III 1133 @ 1133MHz | NA | 284 | NA | NA | NA | 29.1 | 9 | Jul 2010 | Socket 370 | Desktop |
| VIA C7 1500MHz | NA | 284 | NA | NA | NA | NA | NA | Mar 2011 | NA | Unknown |
| Intel Atom N455 @ 1.66GHz | NA | 283 | NA | 239 | NA | 6.5 | 43 | Aug 2010 | BGA559 | Laptop |
| Intel Celeron 2.93GHz | NA | 283 | NA | 631 | NA | NA | NA | Mar 2009 | NA | Unknown |
| AMD Athlon XP 1500 | NA | 282 | NA | NA | NA | NA | NA | Jan 2010 | NA | Unknown |

CPU Benchmarks

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| AMD Sempron 2200+ | $29.xx | 282 | 5.42 | 426 | 7.62 | NA | NA | Jan 2009 | Socket A | Desktop |
| Intel Atom N280 @ 1.66GHz | NA | 282 | NA | 246 | NA | 2.5 | 112 | Feb 2009 | BGA437 | Laptop |
| Intel Celeron 1133MHz | NA | 282 | NA | NA | NA | NA | NA | Jul 2009 | NA | Unknown |
| Intel Pentium M 1.10GHz | NA | 282 | NA | 335 | NA | NA | NA | Mar 2009 | NA | Unknown |
| AMD Athlon XP1600+ | NA | 281 | NA | 418 | NA | NA | NA | Nov 2009 | NA | Unknown |
| Intel Atom Z530 @ 1.60GHz | NA | 281 | NA | 248 | NA | 2 | 140 | Mar 2009 | BGA441 | Laptop |
| Mobile Intel Celeron 2.50GHz | NA | 281 | NA | NA | NA | NA | NA | Apr 2009 | NA | Laptop |
| Mobile Intel Celeron 1333MHz | NA | 280 | NA | 380 | NA | NA | NA | Feb 2010 | NA | Laptop |
| AMD Athlon 4 | $79.99 | 279 | 3.50 | NA | NA | NA | NA | Mar 2009 | NA | Unknown |
| Mobile Intel Pentium 4 2.66GHz | NA | 279 | NA | 653 | NA | 66.1 | 4 | Mar 2009 | PGA478 | Desktop |
| Intel Core Solo U1400 @ 1.20GHz | NA | 278 | NA | 391 | NA | 5.5 | 50 | Mar 2009 | PBGA479 | Laptop |
| Intel Pentium III 1200 @ 1200MHz | NA | 278 | NA | NA | NA | 29.9 | 9 | Mar 2009 | Socket 370 | Desktop |
| Mobile Intel Pentium 4 2.30GHz | $43.56* | 278 | 6.38 | NA | NA | NA | NA | Dec 2009 | NA | Laptop |
| Intel Xeon 2.40GHz | $9.10* | 276 | 30.35 | 595 | 65.42 | NA | NA | Mar 2009 | NA | Server |
| Intel Celeron M 1200MHz | NA | 275 | NA | NA | NA | NA | NA | Aug 2009 | NA | Unknown |
| VIA Nano U2250@1300+MHz | NA | 274 | NA | 240 | NA | 10 | 27 | Jan 2011 | BGA400 | Laptop |
| VIA Nano U3500@1000MHz | NA | 272 | NA | 263 | NA | 5 | 54 | Sep 2011 | BGA400 | Laptop |
| AMD Athlon XP 1700+ | $61.25* | 271 | 4.43 | 418 | 6.83 | 64 | 4 | Feb 2009 | Socket A (462) | Desktop |
| Intel Atom E660 @ 1.30GHz | $54.00* | 271 | 5.03 | NA | NA | 3.3 | 82 | Aug 2012 | FCBGA676 | Laptop |
| Intel Celeron D 347 @ 3.06GHz | NA | 271 | NA | 611 | NA | 86 | 3 | Nov 2008 | PLGA775 | Desktop |
| Intel Core Solo U1300 @ 1.06GHz | NA | 270 | NA | 357 | NA | 6 | 45 | Aug 2009 | PBGA479 | Laptop |
| Intel Atom N270 @ 1.60GHz | NA | 269 | NA | 238 | NA | 2.5 | 107 | Feb 2009 | BGA437 | Laptop |
| AMD Athlon XP 1600+ | NA | 267 | NA | 408 | NA | NA | NA | Feb 2009 | NA | Unknown |
| AMD Sempron 200U | $87.00* | 267 | 3.08 | NA | NA | 8 | 33 | May 2011 | NA | Unknown |
| Mobile AMD Athlon 1400+ | NA | 266 | NA | NA | NA | NA | NA | Jan 2010 | NA | Laptop |
| Mobile AMD Athlon MP-M 1800+ | NA | 265 | NA | 402 | NA | 35 | 7 | Jan 2014 | NA | Laptop |
| AMD Geode NX | NA | 264 | NA | NA | NA | NA | NA | Apr 2009 | NA | Unknown |
| Mobile Intel Pentium 4 2.40GHz | NA | 264 | NA | NA | NA | 59.8 | 4 | Mar 2009 | PGA478 | Desktop |
| Intel Atom N435 @ 1.33GHz | NA | 261 | NA | 207 | NA | NA | NA | Oct 2011 | NA | Unknown |
| Mobile AMD Athlon XP-M 1500+ | NA | 261 | NA | NA | NA | NA | NA | Mar 2009 | NA | Laptop |
| Mobile AMD Athlon XP-M 1600+ | NA | 260 | NA | 421 | NA | NA | NA | Jul 2009 | NA | Laptop |
| Intel Celeron 1066MHz | NA | 259 | NA | NA | NA | NA | NA | Apr 2009 | NA | Unknown |
| Intel Pentium M 1100MHz | NA | 259 | NA | NA | NA | 12 | 21 | Mar 2009 | H-PBGA479 | Laptop |
| AMD Athlon XP 1500+ | NA | 257 | NA | 385 | NA | NA | NA | Mar 2009 | NA | Unknown |
| Mobile Intel Pentium 4 - M 2.50GHz | NA | 256 | NA | NA | NA | NA | NA | Aug 2009 | NA | Laptop |
| Intel Celeron 2.80GHz | NA | 254 | NA | 600 | NA | 68.4 | 3 | Dec 2008 | PPGA478 | Desktop |
| Intel Pentium 4 2.66GHz | NA | 254 | NA | 609 | NA | 66.1 | 3 | Jan 2009 | PGA478 | Desktop |
| Intel Celeron M 443 @ 1.20GHz | NA | 253 | NA | 328 | NA | 5.5 | 46 | Mar 2009 | PBGA479 | Laptop |
| Intel XEON 2.20GHz | NA | 252 | NA | 540 | NA | NA | NA | May 2009 | NA | Server |
| Mobile AMD Sempron 2100+ | NA | 252 | NA | 311 | NA | 8 | 31 | Aug 2011 | S1 | Laptop |
| Intel Pentium III Mobile 1133MHz | NA | 251 | NA | 334 | NA | NA | NA | Mar 2009 | NA | Laptop |
| Mobile Intel Pentium III - M 1000MHz | NA | 250 | NA | NA | NA | 20.5 | 12 | Aug 2009 | BGA2, microPGA2 | Laptop |
| VIA Esther 1300MHz | NA | 250 | NA | NA | NA | NA | NA | May 2012 | NA | Unknown |
| Intel Celeron 2.66GHz | NA | 249 | NA | 575 | NA | NA | NA | Feb 2009 | NA | Unknown |
| Intel Pentium 4 2.53GHz | NA | 248 | NA | 610 | NA | 61.5 | 4 | Feb 2009 | PGA478 | Desktop |
| Intel Celeron 2.50GHz | NA | 247 | NA | 625 | NA | NA | NA | Jan 2009 | NA | Unknown |
| Intel Pentium III Mobile 1066MHz | NA | 246 | NA | 323 | NA | NA | NA | Mar 2009 | NA | Laptop |
| Intel Celeron 2.53GHz | NA | 245 | NA | 559 | NA | NA | NA | Dec 2008 | NA | Unknown |
| Intel Celeron 2.70GHz | NA | 245 | NA | 593 | NA | NA | NA | Mar 2009 | NA | Unknown |
| Intel Pentium 4 2.50GHz | NA | 245 | NA | 592 | NA | 61 | 4 | Mar 2009 | PGA478 | Desktop |

| CPU Name | Price [1] | CPU Mark | CPU Value [2] | Thread Mark | Thread Value [3] | TDP (W) | Power Perf. [4] | Test Date [5] | Socket | Category [ ] |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Pentium III Mobile 1000MHz | NA | 245 | NA | NA | NA | NA | NA | May 2009 | NA | Laptop |
| Intel Celeron 1200MHz | NA | 244 | NA | 326 | NA | NA | NA | Feb 2009 | NA | Unknown |
| Intel Celeron 2.10GHz | NA | 244 | NA | NA | NA | NA | NA | Sep 2009 | NA | Unknown |
| Intel Atom Z670 @ 1.50GHz | NA | 243 | NA | 199 | NA | 3 | 81 | Jun 2011 | BGA518 | Laptop |
| Intel Pentium III Mobile 1200MHz | NA | 240 | NA | 332 | NA | NA | NA | Feb 2009 | NA | Laptop |
| Intel Celeron 2.60GHz | NA | 238 | NA | 602 | NA | NA | NA | Feb 2009 | NA | Unknown |
| Intel Pentium III 933S @ 933MHz | NA | 238 | NA | NA | NA | 27.3 | 8 | Jul 2009 | Socket 370 | Desktop |
| Intel Pentium M 1200MHz | NA | 237 | NA | 254 | NA | 12 | 19 | Apr 2009 | NA | Laptop |
| Mobile Intel Celeron 2.40GHz | NA | 236 | NA | 577 | NA | NA | NA | Feb 2009 | NA | Laptop |
| Intel Pentium M 1000MHz | NA | 233 | NA | 326 | NA | 7 | 33 | Mar 2009 | NA | Laptop |
| Intel Xeon 2.00GHz | NA | 233 | NA | 398 | NA | NA | NA | Feb 2009 | NA | Server |
| Mobile Intel Pentium 4 - M 1.90GHz | NA | 232 | NA | NA | NA | NA | NA | Mar 2009 | NA | Laptop |
| AMD Athlon MP | $12.49* | 230 | 18.46 | NA | NA | NA | NA | Mar 2009 | NA | Unknown |
| AMD G-T44R | NA | 229 | NA | 289 | NA | 9 | 25 | Aug 2011 | FT1 | Laptop |
| Intel Celeron 2.30GHz | NA | 227 | NA | 559 | NA | NA | NA | Feb 2009 | NA | Unknown |
| Intel Pentium 4 2.40GHz | NA | 227 | NA | 561 | NA | 59.8 | 3 | Dec 2008 | PGA478 | Desktop |
| Mobile Intel Celeron 2.20GHz | NA | 226 | NA | 546 | NA | NA | NA | Apr 2009 | NA | Laptop |
| Mobile Intel Pentium III - M 1200MHz | NA | 224 | NA | 284 | NA | 22 | 10 | Mar 2009 | BGA2, microPGA2 | Laptop |
| Intel Celeron 2.26GHz | NA | 223 | NA | 517 | NA | NA | NA | Mar 2009 | NA | Unknown |
| VIA C7-M 6300MHz | NA | 222 | NA | 185 | NA | NA | NA | Jan 2011 | NA | Unknown |
| Intel Pentium 4 2.26GHz | NA | 221 | NA | 537 | NA | 58 | 3 | Feb 2009 | PGA478 | Desktop |
| Intel Atom Z515 @ 1.20GHz | NA | 218 | NA | NA | NA | 1.4 | 155 | Oct 2010 | BGA441 | Laptop |
| Intel Atom Z520 @ 1.33GHz | NA | 218 | NA | 197 | NA | 2 | 109 | May 2009 | BGA441 | Laptop |
| Intel Pentium III Mobile 933MHz | $28.99* | 218 | 7.55 | NA | NA | NA | NA | Apr 2009 | NA | Laptop |
| Intel Celeron 2.40GHz | NA | 217 | NA | 541 | NA | NA | NA | Dec 2008 | NA | Unknown |
| Intel Pentium M 900MHz | NA | 217 | NA | 307 | NA | 7 | 31 | May 2009 | NA | Laptop |
| Intel Celeron 1000MHz | NA | 213 | NA | 267 | NA | NA | NA | May 2009 | NA | Unknown |
| Intel Celeron 2.20GHz | NA | 213 | NA | 537 | NA | NA | NA | Mar 2009 | NA | Unknown |
| Intel Celeron M 1.00GHz | $23.99 | 213 | 8.90 | 268 | 11.20 | NA | NA | Feb 2009 | NA | Laptop |
| Mobile Intel Pentium 4 - M 2.40GHz | NA | 213 | NA | 487 | NA | NA | NA | Mar 2009 | NA | Laptop |
| Mobile Intel Pentium III - M 866MHz | NA | 211 | NA | NA | NA | 19.5 | 10 | May 2009 | BGA2, microPGA2 | Laptop |
| Intel Pentium 4 2.20GHz | NA | 209 | NA | 497 | NA | 57.1 | 3 | Jan 2009 | PGA478 | Desktop |
| Intel Pentium 4 Mobile 1.90GHz | NA | 209 | NA | 434 | NA | NA | NA | Jul 2009 | NA | Laptop |
| Intel Celeron 2.13GHz | NA | 208 | NA | 472 | NA | NA | NA | Jan 2009 | NA | Unknown |
| Intel Pentium 4 Mobile 1.70GHz | NA | 208 | NA | NA | NA | NA | NA | Apr 2009 | NA | Laptop |
| Intel Celeron M 900MHz | NA | 205 | NA | 265 | NA | NA | NA | Feb 2009 | NA | Laptop |
| Mobile Intel Celeron 2.00GHz | NA | 204 | NA | 445 | NA | NA | NA | Mar 2009 | NA | Laptop |
| AMD G-T40R | NA | 203 | NA | 276 | NA | 5.5 | 36 | Oct 2018 | FT1 | Laptop |
| VIA C7-D 1800MHz | NA | 203 | NA | 210 | NA | 20 | 10 | Feb 2011 | BGA400 | Desktop |
| Intel Pentium 4 Mobile 2.00GHz | NA | 202 | NA | 477 | NA | NA | NA | Jun 2009 | NA | Laptop |
| Mobile Intel Pentium 4 - M 2.00GHz | NA | 202 | NA | 499 | NA | NA | NA | Feb 2009 | NA | Laptop |
| Mobile Intel Pentium III - M 933MHz | NA | 200 | NA | 272 | NA | 20.1 | 9 | Jul 2009 | BGA2, microPGA2 | Laptop |
| Mobile Intel Pentium 4 - M 2.20GHz | NA | 198 | NA | 513 | NA | NA | NA | Feb 2009 | NA | Laptop |
| Intel Pentium 4 Mobile 1.50GHz | NA | 197 | NA | NA | NA | NA | NA | Aug 2009 | NA | Laptop |
| Intel Pentium 4 3.83GHz | NA | 195 | NA | 297 | NA | NA | NA | May 2018 | NA | Desktop |
| Mobile Intel Pentium 4 - M 1.60GHz | NA | 195 | NA | NA | NA | NA | NA | Jul 2010 | NA | Laptop |
| VIA Esther 1500MHz | NA | 195 | NA | 175 | NA | NA | NA | Jan 2011 | NA | Unknown |

| CPU Name | Price[1] | CPU Mark | CPU Value[2] | Thread Mark | Thread Value[3] | TDP (W) | Power Perf.[4] | Test Date[5] | Socket | Category |
|---|---|---|---|---|---|---|---|---|---|---|
| Intel Atom 2010 @ 1.10GHz | $40.00 | 194 | 4.00 | NA | NA | 5 | 37 | Jan 2013 | BGA441 | Laptop |
| Intel Pentium 4 1600MHz | $647.45* | 193 | 0.30 | NA | NA | 38 | 5 | May 2009 | PGA478 | Desktop |
| Intel Xeon 1500MHz | NA | 193 | NA | NA | NA | NA | NA | May 2009 | NA | Server |
| Intel Pentium 4 2.00GHz | NA | 189 | NA | 464 | NA | 54.3 | 3 | Jan 2009 | PGA478 | Desktop |
| Mobile Intel Celeron 1.50GHz | NA | 188 | NA | NA | NA | 30 | 6 | Apr 2009 | PPGA478 | Laptop |
| Mobile Intel Celeron 1.60GHz | NA | 188 | NA | NA | NA | NA | NA | Mar 2009 | NA | Laptop |
| Intel Celeron B710 @ 1.60GHz | NA | 186 | NA | 112 | NA | 35 | 5 | Aug 2015 | rPGA988B | Laptop |
| Mobile Intel Celeron 1.80GHz | NA | 186 | NA | 431 | NA | 66.1 | 2 | Jul 2009 | PPGA478 | Laptop |
| Intel Celeron M ULV 800MHz | NA | 184 | NA | NA | NA | 7 | 26 | Jan 2011 | NA | Laptop |
| Intel Pentium 4 4.00GHz | NA | 184 | NA | NA | NA | NA | NA | Nov 2011 | NA | Desktop |
| Mobile AMD Athlon XP-M 1400+ | NA | 184 | NA | NA | NA | 25 | 7 | Aug 2012 | NA | Laptop |
| Intel Celeron 2.00GHz | NA | 182 | NA | 458 | NA | 52.8 | 3 | Feb 2009 | PPGA478 | Desktop |
| Intel Pentium III Mobile 800MHz | NA | 182 | NA | 237 | NA | NA | NA | Apr 2009 | NA | Laptop |
| Mobile Intel Celeron 1.70GHz | NA | 181 | NA | 391 | NA | NA | NA | Apr 2009 | NA | Laptop |
| Intel Pentium 4 Mobile 1.60GHz | NA | 178 | NA | 391 | NA | NA | NA | Feb 2009 | NA | Laptop |
| VIA C7-M 1600MHz | NA | 178 | NA | 188 | NA | 15 | 11 | Jan 2011 | BGA400 | Laptop |
| AMD Athlon 64 2000+ | NA | 177 | NA | 198 | NA | 8 | 22 | Nov 2013 | NA | Unknown |
| Intel Pentium 4 Mobile 1.80GHz | NA | 175 | NA | 299 | NA | NA | NA | May 2009 | NA | Laptop |
| Mobile Intel Pentium 4 - M 1.80GHz | NA | 175 | NA | 451 | NA | NA | NA | Mar 2009 | NA | Laptop |
| Intel Celeron 1100MHz | NA | 174 | NA | 280 | NA | NA | NA | Apr 2009 | NA | Unknown |
| Mobile Intel Pentium 4 - M 1.70GHz | $158.00 | 173 | 1.10 | 426 | 2.70 | NA | NA | Mar 2009 | NA | Laptop |
| Mobile Intel Celeron 1.20GHz | NA | 170 | NA | NA | NA | 24.4 | 6 | Jul 2009 | PPGA478 | Laptop |
| Intel Pentium 4 1.40GHz | NA | 164 | NA | NA | NA | 54.7 | 2 | Apr 2009 | PGA423 | Desktop |
| VIA C7-M 1000MHz | NA | 164 | NA | NA | NA | 3.5 | 46 | May 2011 | BGA400 | Laptop |
| Intel Pentium 4 1800MHz | NA | 162 | NA | 447 | NA | 68.1 | 2 | Feb 2009 | PGA478 | Desktop |
| Intel Pentium 4 1.80GHz | NA | 161 | NA | 429 | NA | 68.1 | 2 | Dec 2008 | PGA478 | Desktop |
| Intel Pentium 4 1.90GHz | NA | 159 | NA | 448 | NA | 69.2 | 2 | Feb 2009 | PGA423 | Desktop |
| VIA Eden 800MHz | NA | 155 | NA | NA | NA | NA | NA | Apr 2012 | NA | Unknown |
| VIA Nehemiah | NA | 155 | NA | 115 | NA | NA | NA | Jan 2011 | NA | Unknown |
| Intel Pentium 4 1700MHz | NA | 154 | NA | 409 | NA | 64 | 2 | Mar 2009 | PGA423 | Desktop |
| Intel Pentium III Mobile 866MHz | NA | 152 | NA | 202 | NA | NA | NA | Apr 2009 | NA | Laptop |
| Intel Celeron M 600MHz | NA | 151 | NA | NA | NA | 7 | 21 | Apr 2009 | H-PBGA479 | Laptop |
| Intel Pentium 4 Mobile 1.40GHz | NA | 149 | NA | NA | NA | NA | NA | Apr 2009 | NA | Laptop |
| Intel Celeron 600MHz | NA | 147 | NA | NA | NA | NA | NA | Jul 2009 | NA | Unknown |
| VIA Esther 1000MHz | NA | 146 | NA | 126 | NA | NA | NA | Feb 2011 | NA | Unknown |
| VIA Eden 1200MHz | NA | 142 | NA | 148 | NA | 7 | 20 | May 2017 | NanoBGA2 | Laptop |
| VIA C7-M 1200MHz | NA | 140 | NA | 131 | NA | NA | NA | Jan 2011 | NA | Unknown |
| Intel Celeron 1.80GHz | NA | 136 | NA | 425 | NA | 66.1 | 2 | Mar 2009 | PPGA478 | Desktop |
| Intel Pentium 4 1.70GHz | NA | 132 | NA | 391 | NA | 64 | 2 | Mar 2009 | PGA423 | Desktop |
| Intel Pentium 4 1.50GHz | NA | 131 | NA | 350 | NA | 57.8 | 2 | Mar 2009 | PGA423 | Desktop |
| Intel Celeron 1.70GHz | NA | 129 | NA | 380 | NA | NA | NA | Feb 2009 | NA | Unknown |
| Intel Pentium 4 1.60GHz | NA | 129 | NA | 345 | NA | 38 | 3 | Feb 2009 | PGA478 | Desktop |
| Intel Pentium 4 1400MHz | NA | 127 | NA | 276 | NA | 54.7 | 2 | Mar 2009 | PGA423 | Desktop |
| Intel Pentium 4 1500MHz | NA | 125 | NA | 343 | NA | 57.8 | 2 | Mar 2009 | PGA423 | Desktop |
| VIA Eden 1000MHz | NA | 123 | NA | 128 | NA | 5 | 24 | Dec 2017 | NanoBGA2 | Laptop |
| Intel Pentium 4 1300MHz | NA | 119 | NA | 312 | NA | 51.6 | 2 | Mar 2009 | PGA423 | Desktop |
| AMD-K6-III | NA | 108 | NA | NA | NA | NA | NA | Jul 2010 | NA | Unknown |
| Intel Pentium III Mobile 750MHz | NA | 103 | NA | NA | NA | NA | NA | Aug 2009 | NA | Laptop |
| VIA C3 Ezra | NA | 100 | NA | NA | NA | NA | NA | Apr 2012 | NA | Unknown |
| AMD-K6 3D | NA | 90 | NA | NA | NA | NA | NA | Oct 2011 | NA | Unknown |
| VIA Samuel 2 | NA | 79 | NA | NA | NA | NA | NA | Oct 2011 | NA | Unknown |

**Notes:**

[1] Price is obtained from our affiliates. '*' after the price denotes the last seen price for products that are no longer available.

[4] Power Performance is calculated by taking CPU Mark / TDP.

[5] Test Date is the date of our first benchmark submission.

## Software

> BurnInTest

> PerformanceTest

> OSForensics

> MemTest86

> WirelessMon

> Zoom Search Engine

> Free Software

## Hardware

> USB3.0 Loopback Plugs

> USB2.0 Loopback Plugs

> PCIe Test Cards

> USB Power Delivery Tester

> Serial and Parallel Loopback Plugs

> USB Short Circuit Testers

## Benchmarks

> CPU Benchmarks

> Video Card Benchmarks

> Hard Drive Benchmarks

> RAM Benchmarks

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