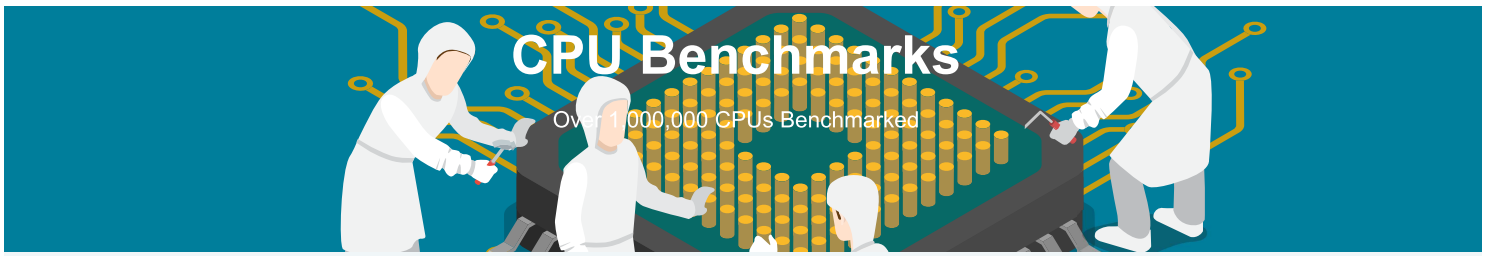

Multiple CPU Systems

This chart comparing multi CPU systems is made using thousands of PerformanceTest benchmark results and is updated daily. This chart mainly compares Dual CPUs, Quad CPUs and 8-way CPUs such as the Intel Xeon and the AMD Opteron processors which can be placed in multiple socket motherboards. These multi-CPUs are commonly used in server machines that require high performance CPUs with intensive processing capabilities such as web servers, gateway servers, VM servers and online gaming servers.

Unlike the other charts, this charts is only comprised of V8 and V9 submissions. We have released one last chart for PerformanceTest V7, available here.

CPU Mark | Price Performance

PassMark - CPU Mark

Multiple CPU Systems

Updated 15th of January 2020

CPU	CPU Mark	Price (USD)
[Dual CPU] AMD EPYC 7742	55,574	$17,245.72
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48,904	NA
[Dual CPU] AMD EPYC 7542	46,721	$7,770.78
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44,139	$40,060.00*
[Dual CPU] Intel Xeon Platinum 8275CL @ 3.00GHz	43,870	NA
[Quad CPU] Intel Xeon Gold 6248 @ 2.50GHz	41,863	$13,199.96*
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41,148	$7,279.98
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41,119	$11,660.00
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40,785	$16,435.80
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39,589	$11,780.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38,755	$6,599.98*
[Dual CPU] Intel Xeon Platinum 8160 @ 2.10GHz	38,364	$8,978.00
[Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz	38,202	$9,220.00*
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37,838	$15,408.00*
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37,405	$7,660.00
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37,312	$20,030.00*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37,168	$7,437.90*
[Quad CPU] Intel Xeon E7-8895 v2		NA

Common

Most

CPU Benchmarks

AMD vs Intel Market Share

@ 2.80GHz	36,830	
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36,731	$6,351.86*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36,410	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36,271	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36,068	NA
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34,600	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34,471	$24,800.00*
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34,320	$5,238.98*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34,013	$8,475.98
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33,741	$7,218.00
[Dual CPU] AMD EPYC 7601	33,545	$7,273.10
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33,142	$8,217.90
[Dual CPU] Intel Xeon Gold 6242 @ 2.80GHz	33,019	$5,203.16
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32,941	$6,569.90*
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32,589	$4,879.98*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32,235	$7,259.18*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31,897	NA
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31,774	$6,019.90*
[Dual CPU] AMD EPYC 7551	31,452	$3,671.88
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31,282	$6,509.68*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30,855	$14,436.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30,833	$6,452.00*
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30,440	$6,109.98*
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30,334	$4,996.00*
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29,934	$5,404.00*
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	29,907	NA
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29,725	$5,309.64*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29,655	$9,217.90*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	29,426	NA
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29,251	$9,872.00*
[Dual CPU] AMD EPYC 7501	28,991	$5,367.60
[Dual CPU] AMD EPYC 7451	28,957	$2,519.78
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28,848	$6,116.66*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28,802	$6,140.00*
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28,784	NA
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28,610	$3,779.94*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28,569	$22,916.00*
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28,325	$1,218.00*

[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27,932	NA

CPU Benchmarks

@ 2.10GHz	27,437	$10,800.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27,442	$4,339.98*
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27,383	$979.98
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27,355	$2,698.00*
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26,907	NA
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26,664	$4,349.98*
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26,542	$2,417.98
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26,537	NA
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26,366	$3,881.98*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26,203	$2,035.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26,139	$5,079.96*
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	25,703	NA
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25,568	$450.00
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	25,329	$1,641.16
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25,109	$3,122.00*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24,989	$4,417.86*
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	24,959	$5,104.72*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24,877	NA
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24,681	$2,035.80*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24,673	$979.98*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	24,666	$4,220.00
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24,651	$11,616.00*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24,293	$1,217.98
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24,195	$419.98
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24,133	NA
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23,531	$431.86
[Dual CPU] AMD EPYC 7401	23,518	$3,598.68
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23,518	NA
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23,393	NA
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23,341	$670.00*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23,252	$476.00
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23,137	NA
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23,105	$2,999.98*
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	22,983	$3,319.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22,916	$3,898.06*
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22,810	$2,120.00

[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22,761	$3,018.00*

CPU Benchmarks

@ 3.40GHz	22,723	$3,599.98
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22,626	$618.00
[Dual CPU] Intel Xeon Gold 5215 @ 2.50GHz	22,537	$2,442.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22,461	$9,600.00*
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22,412	$12,400.00*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22,339	$639.90*
[Dual CPU] Intel Xeon Gold 5217 @ 3.00GHz	22,282	$3,044.00*
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22,232	$298.00
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22,049	NA
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22,011	$2,218.00
[Dual CPU] Intel Xeon E5-4650 v4 @ 2.20GHz	21,855	$7,676.00*
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21,751	$1,400.00*
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21,533	$3,603.92*
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21,493	$350.00
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21,437	NA
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21,435	$1,796.32*
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21,250	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21,194	$1,019.98*
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21,049	$500.00
[Dual CPU] Intel Xeon Silver 4210 @ 2.20GHz	20,974	$2,199.90
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20,924	$2,992.00*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20,861	$580.00
[Quad CPU] AMD Opteron 6378	20,859	$760.00
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	20,856	NA
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20,809	$2,018.00*
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20,773	$414.00
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20,686	$220.00
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20,653	NA
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20,642	$418.00
[Dual CPU] Intel Xeon E5-4640 v3 @ 1.90GHz	20,468	NA
[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	20,391	$3,730.00*
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20,212	$230.00
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20,211	$6,008.00*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20,206	$1,840.54*
[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20,036	$1,088.16*
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20,002	$1,002.00*

[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19,762	NA

CPU Benchmarks

@ 2.60GHz	[illegible]	[illegible]
[Quad CPU] Intel Xeon E5-4640 @ 2.40GHz	19,643	$10,920.00*
[Dual CPU] Intel Xeon E5-2652 v3 @ 2.30GHz	19,588	$2,342.00*
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19,583	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19,491	$1,017.90*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19,391	NA
[Dual CPU] AMD EPYC 7371	19,370	$3,100.00*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19,362	$1,281.50*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19,209	$544.08*
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19,113	$2,657.06*
[Dual CPU] Intel Xeon Platinum 8153 @ 2.00GHz	19,091	$6,230.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18,822	$359.98*
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18,769	$179.98
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18,745	$1,118.00*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	18,654	NA
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18,598	$126.54
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18,572	$450.66
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18,565	$139.98*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18,557	$299.92*
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18,456	$199.98
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18,149	$272.20
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18,089	$3,121.72*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	17,965	$20,034.04*
[Dual CPU] Intel Xeon Silver 4208 @ 2.10GHz	17,904	$1,617.90
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17,860	$425.78*
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17,786	$3,664.00*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17,658	$176.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17,463	$2,539.98*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17,398	$131.96*
[Dual CPU] Intel Xeon Gold 5218 @ 2.30GHz	17,384	$2,607.48
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17,127	$279.96*
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	16,987	$204.74*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16,920	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16,874	$359.60*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16,855	$881.00
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16,703	$2,377.30*

[Dual CPU] Intel Xeon E5-4620 v3 @ 2.00GHz	16,684	$3,336.00*
@ 3.50GHz	16,421	$249.90
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16,403	$192.66
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16,391	$94.00
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16,028	NA
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15,972	$1,019.90*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15,920	$90.00
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15,897	$5,460.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15,888	$139.98*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15,686	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	15,433	$159.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15,429	$756.00*
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	15,383	$179.80*
[Quad CPU] AMD Opteron 6276	15,342	$676.00
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15,263	$378.00*
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15,262	$110.00
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15,183	$959.80
[Dual CPU] AMD EPYC 7281	15,152	$1,297.06
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15,106	$196.58*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15,028	$66.98
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14,876	$7,676.00*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14,669	$536.84*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14,649	$191.80*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14,589	NA
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14,553	$79.50*
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14,339	$1,298.00*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	14,276	$159.98
[Dual CPU] AMD Opteron 6380	14,200	$118.00
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13,986	$1,119.98
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13,855	$2,924.00*
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13,801	$2,958.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	13,788	$150.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	13,742	$149.96*
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13,706	$72.68
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13,656	$117.94*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13,648	$218.00
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13,628	$319.96*

[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13,621	$150.00
[Quad CPU] Intel Xeon E7-4830 @ 2.30GHz		

CPU Benchmarks

[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13,428	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13,423	$79.88*
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13,341	$139.90
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13,327	$1,027.98*
[Quad CPU] AMD Opteron 6376	13,257	$260.00
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13,220	$609.98*
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13,215	$78.00
[Dual CPU] AMD EPYC 7251	12,955	$1,033.44
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12,854	$1,019.90*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12,824	$88.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12,698	$799.96*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12,620	$1,098.00*
[Quad CPU] AMD Opteron 6380	12,442	$236.00
[Dual CPU] AMD EPYC 7261	12,430	$2,019.96
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12,419	$70.00
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12,407	$99.98
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12,399	NA
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12,354	NA
[Quad CPU] AMD Opteron 6272	12,292	$279.96
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12,216	$171.70*
[Dual CPU] AMD Opteron 6386 SE	12,195	$289.98
[Dual CPU] AMD Opteron 6366 HE	12,147	$59.98*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12,145	$270.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12,076	$68.00
[Quad CPU] AMD Opteron 6278	12,055	$495.80
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12,029	$2,835.80*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12,016	$8,454.00*
[Dual CPU] AMD Opteron 6328	12,013	$718.00
[Dual CPU] AMD Opteron 6284 SE	11,985	$699.98*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11,910	$188.96*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11,807	$260.00*
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11,733	$79.74*
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11,639	$69.98*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11,498	$1,100.00*
[Dual CPU] AMD Opteron 6348	11,412	$612.20
[Dual CPU] AMD Opteron 4386	11,410	$279.98*
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11,334	NA
[Dual CPU] Intel Xeon E5-2420 @	11,299	$36.00

1.90GHz		
[Dual CPU] Intel Xeon X7560 @	11,230	$44.00*

CPU Benchmarks

[Dual CPU] AMD Opteron 6344	11,203	$778.00*
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11,172	NA
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11,163	$55.72*
[Quad CPU] AMD Opteron 6282 SE	11,044	$2,560.00
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	11,010	$719.46*
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11,007	$712.54*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10,965	$399.98*
[Dual CPU] AMD Opteron 6275	10,900	NA
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10,818	$64.56*
[Dual CPU] AMD Opteron 6320	10,716	$513.18
[Dual CPU] AMD Opteron 6220	10,558	$119.98*
[Dual CPU] AMD Opteron 6274	10,536	$89.98
[Quad CPU] AMD Opteron 6274	10,488	$179.96
[Dual CPU] AMD Opteron 6376	10,452	$130.00
[Dual CPU] AMD Opteron 4340	10,419	$479.98*
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10,406	NA
[Dual CPU] AMD Opteron 6238	10,349	$719.78*
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10,321	$89.98*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10,279	NA
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10,277	$46.66*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10,259	$208.14*
[Dual CPU] AMD Opteron 4376 HE	10,244	$1,257.44*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10,243	$5,017.90*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10,216	$162.62*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10,207	$10,017.02*
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10,195	$359.96*
[Dual CPU] AMD Opteron 6276	10,101	$338.00
[Dual CPU] AMD Opteron 6234	10,079	$59.90*
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10,029	$212.06*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10,019	$137.98*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9,937	$550.00*
[Dual CPU] AMD Opteron 6272	9,818	$139.98
[Quad CPU] AMD Opteron 6136	9,767	$440.00*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9,741	NA
[Dual CPU] AMD Opteron 4276 HE	9,681	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9,637	$166.72*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9,607	NA
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9,573	$958.52*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9,563	$39.86*

[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9,542	$143.96*

CPU Benchmarks

[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9,274	$479.90*
[Dual CPU] AMD Opteron 4284	9,151	$119.98*
[Dual CPU] AMD Opteron 6378	9,145	$380.00
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9,041	$631.80*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9,026	$61.98*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9,018	$719.90*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	8,993	$67.98*
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8,972	$678.48*
[Dual CPU] AMD Opteron 4234	8,953	$459.98*
[Quad CPU] AMD Opteron 8439 SE	8,943	$240.00*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8,938	$460.98*
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8,932	$520.00*
[Dual CPU] AMD Opteron 6212	8,927	$59.98*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8,750	$609.70*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8,721	$1,417.90*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8,693	$139.80*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8,672	$2,782.58*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8,666	$55.98*
[Dual CPU] AMD Opteron 6132 HE	8,657	NA
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8,636	$1,356.96*
[Quad CPU] AMD Opteron 6174	8,594	$260.00
[Quad CPU] AMD Opteron 8382	8,553	$796.00*
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8,488	NA
[Dual CPU] AMD Opteron 6176 SE	8,448	$318.00*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8,369	$137.98
[Dual CPU] AMD Opteron 6308	8,349	$619.96
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8,329	$70.00*
[Quad CPU] AMD Opteron 6128 HE	8,323	NA
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8,321	NA
[Quad CPU] AMD Opteron 8431	8,252	$55.96*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8,159	$199.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8,158	$199.90
[Dual CPU] AMD Opteron 4226	8,088	$99.98*
[Dual CPU] AMD Opteron 2439 SE	8,071	$179.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8,059	$378.00*
[Dual CPU] AMD Opteron 4228 HE	7,986	NA
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7,977	$117.98*
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7,908	$3,611.90*

[Dual CPU] AMD Opteron 4184	7,813	$1,039.90*
[Dual CPU] Intel Xeon X5460 @		

CPU Benchmarks

[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7,774	$60.08*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7,769	$450.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7,751	NA
[Dual CPU] AMD Opteron 6168	7,741	$1,159.90
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7,709	$118.00*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7,706	$1,770.00*
[Dual CPU] AMD Opteron 8439 SE	7,691	$120.00*
[3-Way] Intel Xeon X7460 @ 2.66GHz	7,672	$2,126.85*
[Dual CPU] AMD Opteron 6172	7,621	$396.00*
[Dual CPU] AMD Opteron 6134	7,586	$87.98*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7,574	$26.00*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7,553	$38.52*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7,499	$597.88*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7,436	$119.92*
[Quad CPU] AMD Opteron 8425 HE	7,359	NA
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7,303	$169.84*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7,288	$97.02*
[Dual CPU] AMD Opteron 6136	7,255	$220.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7,170	$260.00
[Dual CPU] AMD Opteron 6204	7,134	$139.98*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7,117	$198.00*
[Quad CPU] AMD Opteron 8435	7,099	$288.00*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7,083	$54.60*
[Dual CPU] AMD Opteron 2435	7,053	$130.00
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6,973	$41.98*
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6,961	$25.64*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6,904	NA
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6,864	NA
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6,824	$309.90*
[Dual CPU] AMD Opteron 4274 HE	6,797	$79.98*
[Dual CPU] AMD Opteron 6128	6,762	$37.98
[Dual CPU] AMD Opteron 8435	6,739	$144.00*
[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6,738	$31.94*
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6,594	$71.98*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6,520	$119.98
[Dual CPU] AMD Opteron 8389	6,517	$158.00*
[Quad CPU] AMD Opteron 8360 SE	6,490	$84.00*
[Dual CPU] AMD Opteron 2431	6,438	$80.00*
[Dual CPU] Intel Xeon L5420 @		$55.00*

2.50GHz	6,437	
[Dual CPU] AMD Opteron 4180	6,367	$819.90*

CPU Benchmarks

[Dual CPU] AMD Opteron 4170 HE	6,344	$118.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6,340	$95.70*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6,304	$44.40*
[Dual CPU] AMD Opteron 2387	6,239	NA
[Dual CPU] AMD Opteron 2425 HE	6,209	NA
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6,204	$95.50*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6,194	$155.98*
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6,120	$200.16*
[Quad CPU] AMD Opteron 8381 HE	6,097	NA
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	6,081	$340.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6,072	$315.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6,007	$417.90*
[Dual CPU] Six-Core AMD Opteron 2423 HE	5,969	NA
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5,916	$138.42*
[Dual CPU] AMD Opteron 2427	5,907	$130.00
[Dual CPU] AMD Opteron 8431	5,813	$27.98*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5,729	$619.90*
[Dual CPU] AMD Opteron 2389	5,677	$118.00*
[Dual CPU] Six-Core AMD Opteron 2419 EE	5,654	NA
[Dual CPU] AMD Opteron 4130	5,651	$229.90*
[Dual CPU] AMD Opteron 8380	5,643	$412.02*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5,624	NA
[Dual CPU] AMD Opteron 6128 HE	5,582	NA
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5,505	$334.00*
[Dual CPU] AMD Opteron 2384	5,449	$1,680.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5,444	$62.00*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5,414	$913.82*
[Dual CPU] Quad-Core AMD Opteron 8378	5,382	$176.42*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5,376	$179.98*
[Dual CPU] AMD Opteron 2378	5,318	$358.00*
[Dual CPU] AMD Opteron 2360 SE	5,315	$72.00
[Dual CPU] AMD Opteron 2380	5,261	$90.00
[Dual CPU] AMD Opteron 2376	5,238	$333.62*
[Dual CPU] AMD Opteron 8381 HE	5,210	NA
[Dual CPU] AMD Opteron 2419	5,191	$23.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5,129	$79.90*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5,119	$79.98*
[Dual CPU] AMD Opteron 6164 HE	5,109	NA
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5,042	$440.02*
[Dual CPU] Intel Xeon E5506 @		

2.13GHz	4,991	$126.02*
[Dual CPU] Intel Xeon E5330 @	4,944	NA

CPU Benchmarks

[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4,891	$37.58*
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4,890	$280.00*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4,854	$139.90*
[Dual CPU] AMD Opteron 2374 HE	4,799	$130.00
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4,757	$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4,689	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4,559	$35.54*
[Dual CPU] AMD Opteron 2354	4,554	$664.06*
[Dual CPU] AMD Opteron 4280	4,525	$100.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4,469	$62.80*
[Dual CPU] AMD Opteron 2356	4,441	$104.00*
[Dual CPU] Quad-Core AMD Opteron 8356	4,376	$130.00
[Dual CPU] Quad-Core AMD Opteron 8350	4,290	$439.98*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4,286	$139.98*
[Dual CPU] Quad-Core AMD Opteron 2352	4,171	$90.00
[Dual CPU] AMD Opteron 2373 EE	4,164	NA
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4,155	$77.50*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4,139	$258.08*
[Dual CPU] AMD Opteron 2346 HE	4,095	NA
[Dual CPU] AMD Opteron 2350	4,078	$159.90*
[Dual CPU] AMD Opteron 4122	4,076	$249.98*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4,038	$177.56*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3,825	$99.98*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3,554	$98.00*
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3,532	NA
[Dual CPU] AMD Opteron 2347 HE	3,470	$471.66*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3,409	$279.90*
[Quad CPU] Intel Xeon 3.40GHz	3,395	NA
[Dual CPU] AMD Opteron 2222 SE	3,257	$71.90*
[Dual CPU] AMD Opteron 8354	3,223	$50.00
[Dual CPU] AMD Athlon 64 FX-72	3,163	NA
[Dual CPU] AMD Opteron 6180 SE	3,114	$189.90
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3,017	NA
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2,999	$26.26*
[Dual CPU] AMD Opteron 2222	2,998	$3,329.96*
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2,975	$49.98*
[Dual CPU] AMD Athlon 64 FX-74	2,945	$999.00*
[Dual CPU] AMD Opteron 2220 SE	2,882	$50.00*
[Dual CPU] AMD Opteron 885	2,851	NA
[Dual CPU] AMD Opteron 2220		$159.90

[Dual CPU] AMD Opteron 2220	2,839	$159.90
[Dual CPU] AMD Opteron 8218	2,831	$46.00*

CPU Benchmarks

[Dual CPU] AMD Opteron 8222 SE	2,793	$6,180.64*
[Dual CPU] AMD Opteron 285	2,769	$159.90
[Dual CPU] AMD Opteron 2218	2,732	$159.90
[Dual CPU] AMD Opteron 290	2,716	$270.00*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2,620	$97.98*
[Dual CPU] AMD Opteron 2216 HE	2,593	NA
[Dual CPU] AMD Opteron 2218 HE	2,514	NA
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2,511	$190.00*
[Dual CPU] AMD Opteron 8220	2,510	$159.90
[Dual CPU] AMD Opteron 2216	2,485	$53.60
[Dual CPU] AMD Opteron 2214 HE	2,463	NA
[Dual CPU] AMD Opteron 280	2,452	$130.00*
[Dual CPU] AMD Opteron 2214	2,344	$58.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2,315	$3,239.98*
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2,302	NA
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2,279	$28.54
[Dual CPU] AMD Opteron 270	2,226	$1,214.94*
[Dual CPU] AMD Opteron 2212	2,203	$40.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2,137	$70.00*
[Dual CPU] AMD Opteron 275	2,133	$164.10*
[Dual CPU] AMD Opteron 265	2,010	$146.00
[Dual CPU] Intel Xeon 3.73GHz	1,854	NA
[Dual CPU] AMD Opteron 256	1,853	$38.00*
[Dual CPU] Intel Xeon MV 3.20GHz	1,609	NA
[Quad CPU] Intel Xeon 3.00GHz	1,472	NA
[Dual CPU] AMD Opteron 250	1,438	$22.00*
[Dual CPU] AMD Opteron 252	1,418	$126.72*
[Dual CPU] AMD Opteron 850	1,410	$3,028.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1,163	NA
[Dual CPU] AMD Opteron 246	1,130	$39.98*
[Dual CPU] AMD Opteron 248	1,053	$199.90
[Dual CPU] Intel Xeon 3.80GHz	993	$1,702.00*
[Dual CPU] Intel Xeon 3.60GHz	927	$1,702.00*
[Dual CPU] Intel Xeon 3.40GHz	885	NA
[Dual CPU] Intel Xeon 3.20GHz	852	NA
[Dual CPU] AMD Opteron 254	816	NA
[Dual CPU] Intel Xeon 3.00GHz	771	NA
[Dual CPU] Intel Xeon 2.80GHz	679	NA
[Dual CPU] Intel Xeon MP 3.00GHz	624	NA
[Dual CPU] Intel Xeon 3.06GHz	604	NA
[Dual CPU] AMD Athlon MP 2000+	604	NA
[Dual CPU] Intel Xeon 2.66GHz	601	NA
[Dual CPU] Intel Xeon MP 2.50GHz	550	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	540	NA

[Dual CPU] Intel Pentium III 1400 @ 1400MHz	539	NA

CPU Benchmarks

[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	NA
[Dual CPU] Intel XEON 2.20GHz	453	NA
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	NA
[Dual CPU] Intel XEON 1.80GHz	362	NA
[Dual CPU] Intel Xeon 2.00GHz	339	NA

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