CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

CPU Mega List

Below is a list of all single and multiple socket CPU types that appear in the charts. By clicking the column headings you can sort the CPUs, you can also filter your search by selecting one of the drop down categories or by using the range sliders. Clicking on a specific processor name will take you to the chart it appears in and will highlight it for you.

Last Updated: 15th of June 2023

Columns

Show 250 entries

	CPU Name	Cores	CPU Mark	Thread Mark	TDP (W)	Socket	Category
	Search...	Min... - Max...	11000 - Max...	Min... - Max...	Min... - Max...		Laptop
	Intel Core i5-11300H @ 3.10GHz	4	11,008	2,832	35	FCBGA1449	Laptop
	AMD Ryzen 3 7330U	4	11,013	3,053	15	FP6	Laptop
	Intel Core i7-9750H @ 2.60GHz	6	11,023	2,458	45	FCBGA1440	Laptop
	Intel Core i7-9750HF @ 2.60GHz	6	11,032	2,511	45	FCBGA1440	Laptop
	Intel Core i5-11320H @ 3.20GHz	4	11,038	2,954	35	FCBGA1449	Laptop
	AMD Ryzen 5 4500U	6	11,040	2,447	15	FP6	Laptop
	Intel Core i7-1195G7 @ 2.90GHz	4	11,067	3,069	28	FCBGA1449	Laptop
	Intel Core i3-1210U	6	11,087	3,554	9	BGA1781	Laptop
	Intel Core i3-1215U	6	11,234	3,398	15	FCBGA1744	Laptop
	AMD Ryzen 3 PRO 5475U	4	11,272	2,876	15	FP6	Laptop
	Intel Core i7-9850H @ 2.60GHz	6	11,316	2,539	45	Unknown	Laptop
	Intel Xeon E-2186M @ 2.90GHz	6	11,426	2,547	45	FCBGA1440	Laptop
	Intel Core i5-10500H @ 2.50GHz	6	11,446	2,612	45	FCBGA1440	Laptop
	AMD Ryzen 3 5400U	4	11,540	2,869	15	FP6	Laptop
	AMD Ryzen 3 5425U	4	11,586	2,954	15	FP6	Laptop
	Intel Xeon E-2276M @ 2.80GHz	6	11,768	2,636	45	FCBGA1440	Laptop
	Intel Core i7-11370H @ 3.30GHz	4	11,814	2,956	35	FCBGA1449	Laptop
	Snapdragon 8cx Gen 3 @ 3.0 GHz	8	11,861	2,537	NA	Unknown	Laptop, Mobile/Embedded

CPU Name	Cores	CPU Mark	Thread Mark	TDP (W)	Socket	Category

CPU Benchmarks

Intel Core i7-10850H @ 2.70GHz	6	11,951	2,715	45	FCBGA1440	Laptop
AMD Ryzen 5 PRO 4500U	6	12,049	2,486	15	FP6	Laptop
Intel Core i7-8700B @ 3.20GHz	6	12,078	2,747	65	FCBGA1440	Laptop
Intel Core i7-10750H @ 2.60GHz	6	12,098	2,687	45	FCBGA1440	Laptop
Intel Core i7-11375H @ 3.30GHz	4	12,207	3,075	35	FCBGA1449	Laptop
Intel Core i7-1250U	10	12,774	3,006	9	FCBGA1781	Laptop
AMD Ryzen 5 PRO 4650U	6	12,796	2,450	15	FP6	Laptop
AMD Ryzen 3 PRO 7330U	4	12,862	3,194	15	FP6	Laptop
Intel Xeon W-10855M @ 2.80GHz	6	12,905	2,789	45	FCBGA1440	Laptop, Server
Intel Core i3-12100TE	4	12,961	3,334	35	FCLGA1700	Laptop, Mobile/Embedded
Intel Core i7-1260U	10	13,019	3,065	9	FCBGA1781	Laptop
AMD Ryzen 5 5500U	6	13,193	2,458	15	FP6	Laptop
AMD Ryzen 5 4600U	6	13,473	2,431	15	FP6	Laptop
AMD Ryzen 7 4700U	8	13,499	2,533	15	FP6	Laptop
Intel Core i5-1245U	10	13,524	3,162	15	FCBGA1744	Laptop, Mobile/Embedded
Intel Core i5-1235U	10	13,657	3,306	15	FCBGA1744	Laptop, Mobile/Embedded
Intel Core i3-1315U	6	13,691	3,585	15	FCBGA1744	Laptop
Intel Core i9-9880H @ 2.30GHz	8	13,936	2,549	45	FCBGA1440	Laptop
Intel Core i7-1255U	10	13,941	3,348	15	FCBGA1744	Laptop
Intel Core i7-1265U	10	14,053	3,356	15	FCBGA1744	Laptop, Mobile/Embedded
Apple M1 8 Core 3200 MHz	8	14,121	3,714	15.1	Unknown	Desktop, Laptop, Mobile/Embedded
AMD Ryzen 5 4600HS	6	14,298	2,408	35	FP6	Laptop
Intel Core i5-1240U	10	14,323	3,224	29	FCBGA1744	Laptop
Intel Core i9-9980HK @ 2.40GHz	8	14,446	2,572	45	FCBGA1440	Laptop
Intel Core i3-1220P	10	14,575	3,390	28	FCBGA1744	Laptop
AMD Ryzen 5 4600H	6	14,627	2,452	45	FP6	Laptop
AMD Ryzen 5 PRO 5675U	6	14,715	2,948	15	FP6	Laptop
Intel Core i9-10880H @ 2.30GHz	8	14,736	2,784	45	FCBGA1440	Laptop
Intel Core i7-10870H @ 2.20GHz	8	14,742	2,712	45	FCBGA1440	Laptop
AMD Ryzen 5 PRO 4400GE	6	14,795	2,664	35	Unknown	Laptop
AMD Ryzen 5 PRO 5650U	6	15,066	2,968	15	FP6	Laptop
AMD Ryzen 5 5625U	6	15,113	2,906	15	FP6	Laptop
Intel Xeon E-2286M @ 2.40GHz	8	15,120	2,747	45	FCBGA1440	Laptop
Intel Core i7-10875H @ 2.30GHz	8	15,180	2,765	45	FCBGA1440	Laptop
AMD Ryzen 5 5560U	6	15,255	2,828	15	AM4	Laptop
AMD Ryzen 7 PRO 4750U	8	15,259	2,519	15	FP6	Laptop
Intel Core i9-10885H @ 2.40GHz	8	15,332	2,782	45	FCBGA1440	Laptop
Apple M2 8 Core 3500 MHz	8	15,347	3,995	NA	Unknown	Desktop, Laptop
Intel Core i7-1365U	10	15,382	3,621	15	FCBGA1744	Laptop
AMD Ryzen 5 5600U	6	15,486	2,915	15	FP6	Laptop
Intel Core i7-12700TE	12	15,616	2,424	35	FCLGA1700	Laptop, Mobile/Embedded
Intel Core i5-11260H @ 2.60GHz	6	15,699	2,962	45	FCBGA1787	Laptop

CPU Name	Cores	CPU Mark	Thread Mark	TDP (W)	Socket	Category

CPU Benchmarks

Intel Xeon W-10885M @ 2.40GHz	8	15,784	2,797	45	FCBGA1440	Laptop, Server
Intel Core i9-10980HK @ 2.40GHz	8	15,833	2,830	45	FCBGA1440	Laptop
AMD Ryzen 7 5700U	8	15,851	2,594	15	FP6	Laptop
Intel Core i5-11400H @ 2.70GHz	6	15,912	3,047	45	FCBGA1787	Laptop
Intel Core i7-11600H @ 2.90GHz	6	15,919	3,066	45	FCBGA1787	Laptop
AMD Ryzen 7 4850U Mobile	8	15,920	2,654	15	FP6	Laptop
Intel Core i7-1355U	10	16,009	3,749	15	FCBGA1744	Laptop
Intel Core i5-11500H @ 2.90GHz	6	16,011	3,061	45	FCBGA1787	Laptop
Intel Core i7-10700TE @ 2.00GHz	8	16,332	2,772	35	FCLGA1200	Laptop
AMD Ryzen 5 7530U	6	16,365	3,213	28	AM4	Laptop
Intel Core i5-1345U	10	16,371	3,753	15	FCBGA1744	Laptop
Intel Core i7-10700E @ 2.90GHz	8	16,418	2,896	65	FCLGA1200	Laptop, Mobile/Embedded
Intel Core i5-12500TE	6	16,456	3,385	35	FCLGA1700	Laptop, Mobile/Embedded
AMD Ryzen 7 PRO 5875U	8	16,520	2,925	15	FP6	Laptop
AMD Ryzen 5 PRO 6650U	6	16,680	3,161	28	FP7	Laptop
AMD Ryzen 5 7535U	6	16,856	3,105	28	FP7	Laptop
AMD Ryzen 7 4800U	8	16,940	2,600	15	FP6	Laptop
AMD Ryzen 5 5600H	6	17,166	2,970	45	FP6	Laptop
Apple M1 Pro 8 Core 3200 MHz	8	17,170	3,782	NA	Unknown	Desktop, Laptop
AMD Ryzen 5 6600U	6	17,256	3,198	25	FP7	Laptop
AMD Ryzen 5 PRO 7530U	6	17,289	3,177	15	FP6	Laptop
AMD Ryzen 7 PRO 5850U	8	17,371	3,039	15	FP6	Laptop
Intel Core i7-1260P	12	17,389	3,352	28	FCBGA1744	Laptop
AMD Ryzen 7 4980U Microsoft Surface Edition	8	17,469	2,752	15	FP6	Laptop
Intel Core i5-1240P	12	17,531	3,306	28	FCBGA1744	Laptop
Intel Core i7-1270P	12	17,732	3,390	28	BGA1700	Laptop
Intel Core i5-12450H	8	17,890	3,526	45	FCBGA1744	Laptop
AMD Ryzen 7 Extreme Edition	8	18,185	2,641	NA	FP6	Laptop
Intel Xeon W-11855M @ 3.20GHz	6	18,324	3,278	45	FCBGA1787	Laptop, Server
AMD Ryzen 7 5825U	8	18,549	3,075	15	AM4	Laptop
AMD Ryzen 7 4800HS	8	18,673	2,596	45	FP6	Laptop
AMD Ryzen 7 5800U	8	18,677	3,048	15	FP6	Laptop
AMD Ryzen 7 4800H	8	18,775	2,626	45	FP6	Laptop
Intel Core i5-1335U	10	18,817	3,757	15	FCBGA1744	Laptop
AMD Ryzen 5 6600HS Creator Edition	6	18,942	3,172	35	FP7	Laptop
AMD Ryzen 5 6600H	6	19,104	3,248	45	FP7	Laptop
AMD Ryzen 9 4900HS	8	19,192	2,616	35	FP6	Laptop
AMD Ryzen 7 7730U	8	19,245	3,250	15	FP6	Laptop
AMD Ryzen 9 4900H	8	19,317	2,725	45	FP6	Laptop
AMD Ryzen 5 7535HS	6	19,523	3,416	35	FP7	Laptop
Intel Core i7-1360P	12	19,726	3,785	28	FCBGA1744	Laptop
AMD Ryzen 5 PRO 6650H	6	20,103	3,318	45	FP7	Laptop
Intel Core i5-13420H	8	20,271	NA	45	FCBGA1744	Laptop

CPU Name	Cores	CPU Mark	Thread Mark	TDP (W)	Socket	Category

CPU Benchmarks

Intel Core i7-1280P	14	20,381	3,322	28	FCBGA1744	Laptop
AMD Ryzen 7 5800HS	8	20,505	3,039	35	FP6	Laptop
AMD Ryzen 7 6800U	8	20,691	3,216	28	Unknown	Laptop
Intel Core i7-11850H @ 2.50GHz	8	20,827	3,152	45	FCBGA1787	Laptop
Intel Core i5-1250P	12	20,838	3,510	28	BGA1700	Laptop
Intel Core i7-11800H @ 2.30GHz	8	20,904	3,108	45	FCBGA1787	Laptop
AMD Ryzen 7 PRO 6850U	8	20,909	3,228	28	FP7	Laptop
AMD Ryzen 9 5900H	8	20,960	3,312	NA	AM4	Laptop
AMD Ryzen 7 PRO 6860Z	8	20,991	3,195	28	Unknown	Laptop
AMD Ryzen 9 5980HS	8	21,058	3,166	35	FP6	Laptop
Intel Core i5-1340P	12	21,060	3,600	28	FCBGA1744	Laptop
Intel Core i9-11900H @ 2.50GHz	8	21,108	3,168	45	FCBGA1787	Laptop
AMD Ryzen 7 5800HS Creator Edition	8	21,166	3,100	NA	Unknown	Laptop
AMD Ryzen 7 7735U	8	21,237	3,241	28	FP7	Laptop
AMD Ryzen 7 5800H	8	21,258	3,068	45	FP6	Laptop
Intel Core i5-12500H	12	21,571	3,515	45	FCBGA1744	Laptop
Intel Core i9-11950H @ 2.60GHz	8	21,671	3,220	45	FCBGA1787	Laptop
Apple M2 Pro 10 Core 3480 MHz	10	21,697	4,154	NA	Unknown	Desktop, Laptop
Apple M1 Pro 10 Core 3200 MHz	10	21,887	3,820	NA	Unknown	Desktop, Laptop
AMD Ryzen 9 5900HS	8	21,980	3,190	35	FP6	Laptop
AMD Ryzen 7 PRO 6850HS	8	22,044	3,274	35	FP7	Laptop
Apple M1 Max 10 Core 3200 MHz	10	22,099	3,846	NA	Unknown	Desktop, Laptop
Intel Core i5-1350P	12	22,199	NA	28	FCBGA1744	Laptop
Intel Core i7-1370P	14	22,511	3,730	28	FCBGA1744	Laptop
AMD Ryzen 9 6900HS Creator Edition	8	22,574	3,362	35	FP7	Laptop
AMD Ryzen 9 PRO 6950H	8	22,681	3,230	45	FP7	Laptop
AMD Ryzen 9 5900HX	8	22,824	3,210	45	FP6	Laptop
AMD Ryzen 7 6800HS Creator Edition	8	22,888	3,294	35	FP7	Laptop
Intel Xeon W-11955M @ 2.60GHz	8	22,967	3,352	45	FCBGA1787	Laptop, Server
AMD Ryzen 7 6800HS	8	22,980	3,201	35	FP7	Laptop
Intel Core i5-12600H	12	22,998	3,569	45	FCBGA1744	Laptop
Intel Core i9-11980HK @ 2.60GHz	8	23,124	3,312	45	FCBGA1787	Laptop
AMD Ryzen 7 PRO 6850H	8	23,173	3,242	45	FP7	Laptop
AMD Ryzen 9 PRO 6950HS	8	23,295	3,444	35	FP7	Laptop
Intel Core i5-13500H	12	23,397	3,678	45	Unknown	Laptop
AMD Ryzen 9 5980HX	8	23,703	3,369	45	FP6	Laptop
AMD Ryzen 7 6800H	8	23,809	3,285	45	FP7	Laptop
AMD Ryzen 7 7736U	8	23,860	3,444	28	FP7	Laptop
AMD Ryzen 9 6900HS	8	24,029	3,334	35	FP7	Laptop
Intel Core i7-12650H	10	24,121	3,733	45	FCBGA1744	Laptop
AMD Ryzen 7 7735H	8	24,326	3,459	54	FP7	Laptop
AMD Ryzen 7 7735HS	8	24,427	3,399	54	FP7	Laptop

CPU Name	Cores	CPU Mark	Thread Mark	TDP (W)	Socket	Category

CPU Benchmarks

Intel Core i5-12600HX	12	24,470	3,742	55	FCBGA1964	Laptop
AMD Ryzen 7 PRO 7840HS	8	24,715	NA	54	FP7 FP7r2 FP8	Laptop
AMD Ryzen 9 6900HX	8	24,952	3,446	45	FP7	Laptop
Intel Core i7-12800H	14	24,988	3,506	45	FCBGA1744	Laptop
Intel Core i5-13600H	12	25,776	3,954	45	FCBGA1744	Laptop
Intel Core i9-13900HK	14	26,128	4,240	45	FCBGA1744	Laptop
Apple M2 Max 12 Core 3680 MHz	12	26,236	4,152	NA	Unknown	Laptop
Apple M2 Pro 12 Core 3480 MHz	12	26,435	4,147	NA	Unknown	Laptop
Intel Core i7-12700H	14	26,603	3,643	45	FCBGA1744	Laptop
Intel Core i5-13450HX	10	26,936	NA	55	FCBGA1964	Laptop
Intel Core i7-13620H	10	27,142	3,917	45	FCBGA1744	Laptop
Intel Core i7-13800H	14	28,042	3,219	45	FCBGA1744	Laptop
Intel Core i9-12900HK	14	28,502	3,724	45	FCBGA1744	Laptop
Intel Core i9-12900H	14	28,909	3,869	45	FCBGA1744	Laptop
Intel Core i7-13700H	14	29,533	3,743	45	FCBGA1744	Laptop
Intel Core i5-13600HX	14	29,716	3,913	55	FCBGA1964	Laptop
Intel Core i7-12850HX	16	30,453	3,716	55	FCBGA1964	Laptop
AMD Ryzen 9 7940HS	8	30,644	4,108	54	FP7 FP7r2 FP8	Laptop
Intel Core i9-13900H	14	31,125	3,994	45	FCBGA1744	Laptop
AMD Ryzen 7 7840HS	8	31,312	3,936	54	FP7 FP7r2 FP8	Laptop
Intel Core i5-13500HX	14	31,326	NA	55	FCBGA1964	Laptop
AMD Ryzen 9 7940H	8	32,499	4,127	54	FP7 FP7r2 FP8	Laptop
Intel Core i7-13650HX	14	32,762	3,937	55	FCBGA1964	Laptop
Intel Core i9-12950HX	16	33,044	3,881	55	FCBGA1964	Laptop
Intel Core i7-12800HX	16	33,451	3,848	55	FCBGA1964	Laptop
AMD Ryzen 7 7745HX	8	34,281	NA	55	AM5 (LGA 1718)	Laptop
Intel Core i7-13700HX	16	34,306	4,061	55	FCBGA1964	Laptop
Intel Core i9-12900HX	16	35,122	3,928	55	FCBGA1964	Laptop
Intel Core i7-13850HX	20	38,121	3,873	55	FCBGA1964	Laptop
Intel Core i9-13950HX	24	45,475	4,208	55	FCBGA1964	Laptop
Intel Core i9-13900HX	24	45,644	4,261	55	FCBGA1964	Laptop
AMD Ryzen 9 7845HX	12	46,787	4,040	55	FL1	Laptop
Intel Core i9-13980HX	24	48,956	4,415	55	FCBGA1964	Laptop
AMD Ryzen 9 7945HX	16	58,042	4,165	55	FL1	Laptop

Showing 1 to 179 of 179 entries (filtered from 4,804 total entries)

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Notes:

[1] Price is obtained from our affiliates. '*' after the price denotes the last seen price for products that are no longer available.
[2] CPU Value is calculated by taking CPU Mark / Price.
[3] Single Thread Value is calculated by taking Single Thread CPU Mark / Price.
[4] Power Performance is calculated by taking CPU Mark / TDP.
[5] Test Date is the date of our first benchmark submission.

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