

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: 1st of September 2023

CPU Name	Cores		CPU Mark		Thread Mark		TDP (W)		Socket	Category
	Min...	Max...	Min...	Max...	Min...	Max...	Min...	Max...		
Search...										Laptop
AMD Ryzen 9 7945HX	16		56,990		4,130		55		FL1	Laptop
Intel Core i9-13980HX	24		48,411		4,396		55		FCBGA1964	Laptop
AMD Ryzen 9 7845HX	12		46,830		4,026		55		FL1	Laptop
Intel Core i9-13950HX	24		45,644		4,152		55		FCBGA1964	Laptop
Intel Core i9-13900HX	24		44,952		4,233		55		FCBGA1964	Laptop
Intel Core i7-13850HX	20		39,154		3,911		55		FCBGA1964	Laptop
Intel Core i9-12900HX	16		34,949		3,920		55		FCBGA1964	Laptop
Intel Core i7-13700HX	16		34,578		3,965		55		FCBGA1964	Laptop
Intel Core i7-12800HX	16		33,394		3,846		55		FCBGA1964	Laptop
Intel Core i9-13900HK	14		33,167		4,112		45		FCBGA1744	Laptop
Intel Core i9-12950HX	16		33,031		3,875		55		FCBGA1964	Laptop
AMD Ryzen 7 7745HX	8		32,772		3,826		55		AM5 (LGA 1718)	Laptop
Intel Core i7-13650HX	14		32,238		3,817		55		FCBGA1964	Laptop
Intel Core i9-13905H	14		31,728		3,990		45		FCBGA1792	Laptop

CPU Name	Cores	CPU Mark	Thread Mark	TDP (W)	Socket	Category
						Laptop
AMD Ryzen 9 7940H	8	31,099	4,080	54	FP7 FP7r2 FP8	Laptop
AMD Ryzen 9 7940HS	8	31,037	3,933	54	FP7 FP7r2 FP8	Laptop
Intel Core i7-12850HX	16	30,503	3,722	55	FCBGA1964	Laptop
Intel Core i9-13900H	14	30,224	3,989	45	FCBGA1744	Laptop
Intel Core i5-13600HX	14	30,169	3,871	55	FCBGA1964	Laptop
AMD Ryzen 7 7840HS	8	29,912	3,837	54	FP7 FP7r2 FP8	Laptop
AMD Ryzen 7 7840H	8	29,362	3,947	54	FP7 FP7r2 FP8	Laptop
Intel Core i9-12900H	14	28,721	3,863	45	FCBGA1744	Laptop
Intel Core i7-13700H	14	28,697	3,699	45	FCBGA1744	Laptop
AMD Ryzen 9 PRO 7940HS	8	28,367	3,457	45	FP7 FP7r2	Laptop
Intel Core i9-12900HK	14	28,152	3,718	45	FCBGA1744	Laptop
Intel Core i5-13500HX	14	28,115	3,793	55	FCBGA1964	Laptop
Intel Core i7-13800H	14	27,650	3,441	45	FCBGA1744	Laptop
Intel Core i7-13620H	10	27,039	3,836	45	FCBGA1744	Laptop
Intel Core i7-13700TE	16	26,616	3,772	35	FCLGA1700	Laptop
Intel Core i5-13450HX	10	26,586	3,733	55	FCBGA1964	Laptop
Intel Core i7-12700H	14	26,548	3,634	45	FCBGA1744	Laptop
Apple M2 Pro 12 Core 3480 MHz	12	26,449	4,149	NA	Unknown	Laptop
Apple M2 Max 12 Core 3680 MHz	12	26,260	4,154	NA	Unknown	Laptop
Intel Core i5-13600H	12	25,354	3,705	45	FCBGA1744	Laptop
AMD Ryzen 9 6900HX	8	24,931	3,445	45	FP7	Laptop
Intel Core i7-12800H	14	24,923	3,494	45	FCBGA1744	Laptop
AMD Ryzen 7 PRO 7840HS	8	24,729	3,658	54	FP7 FP7r2 FP8	Laptop
AMD Ryzen 7 7735H	8	24,427	3,426	54	FP7	Laptop
AMD Ryzen 7 7735HS	8	24,197	3,396	54	FP7	Laptop
AMD Ryzen 9 6900HS	8	24,046	3,337	35	FP7	Laptop
Intel Core i5-12600HX	12	23,908	3,742	55	FCBGA1964	Laptop
AMD Ryzen 7 6800H	8	23,777	3,282	45	FP7	Laptop
Intel Core i7-13705H	14	23,753	NA	45	FCBGA1792	Laptop
AMD Ryzen 5 7640HS	6	23,752	3,868	54	FP7 FP7r2 FP8	Laptop
Intel Core i7-12650H	10	23,700	3,706	45	FCBGA1744	Laptop
AMD Ryzen 9 5980HX	8	23,688	3,369	45	FP6	Laptop
AMD Ryzen 9 PRO 6950HS	8	23,295	3,444	35	FP7	Laptop
AMD Ryzen 7 7736U	8	23,163	3,467	28	FP7	Laptop
Intel Core i9-11980HK @ 2.60GHz	8	23,085	3,314	45	FCBGA1787	Laptop
Intel Xeon W-11955M @ 2.60GHz	8	23,023	3,353	45	FCBGA1787	Laptop, Server
AMD Ryzen 7 6800HS	8	23,019	3,205	35	FP7	Laptop
Intel Core i5-12600H	12	23,012	3,569	45	FCBGA1744	Laptop
AMD Ryzen 7 PRO 6850H	8	22,943	3,233	45	FP7	Laptop
Intel Core i5-13500H	12	22,939	3,511	45	Unknown	Laptop
AMD Ryzen 5 7640U	6	22,830	3,746	28	FP7 FP7r2 FP8	Laptop
AMD Ryzen 9 5900HX	8	22,781	3,207	45	FP6	Laptop

CPU Name	Cores	CPU Mark	Thread Mark	TDP (W)	Socket	Category
	-	-	-	-	Socket	Laptop
AMD Ryzen 7 6800HS Creator Edition	8	22,624	3,294	35	FP7	Laptop
Intel Core i7-1370P	14	22,554	3,832	28	FCBGA1744	Laptop
AMD Ryzen 9 PRO 6950H	8	22,553	3,212	45	FP7	Laptop
AMD Ryzen 9 6900HS Creator Edition	8	22,488	3,366	35	FP7	Laptop
Apple M1 Max 10 Core 3200 MHz	10	22,075	3,844	NA	Unknown	Desktop, Laptop
AMD Ryzen 7 PRO 6850HS	8	22,044	3,274	35	FP7	Laptop
AMD Ryzen 9 5900HS	8	21,910	3,185	35	FP6	Laptop
Apple M1 Pro 10 Core 3200 MHz	10	21,861	3,818	NA	Unknown	Desktop, Laptop
Intel Core i5-12500H	12	21,683	3,516	45	FCBGA1744	Laptop
Apple M2 Pro 10 Core 3480 MHz	10	21,643	4,132	NA	Unknown	Desktop, Laptop
Intel Core i9-11950H @ 2.60GHz	8	21,553	3,211	45	FCBGA1787	Laptop
Intel Core i5-1350P	12	21,405	3,517	28	FCBGA1744	Laptop
AMD Ryzen 9 5980HS	8	21,232	3,166	35	FP6	Laptop
AMD Ryzen 7 5800H	8	21,201	3,063	45	FP6	Laptop
AMD Ryzen 7 5800HS Creator Edition	8	21,166	3,100	NA	Unknown	Laptop
AMD Ryzen 7 7735U	8	21,043	3,289	28	FP7	Laptop
Intel Core i9-11900H @ 2.50GHz	8	21,011	3,159	45	FCBGA1787	Laptop
AMD Ryzen 7 PRO 6860Z	8	20,994	3,195	28	Unknown	Laptop
AMD Ryzen 9 5900H	8	20,960	3,312	NA	AM4	Laptop
AMD Ryzen 7 PRO 6850U	8	20,944	3,231	28	FP7	Laptop
Intel Core i7-11800H @ 2.30GHz	8	20,839	3,106	45	FCBGA1787	Laptop
Intel Core i7-11850H @ 2.50GHz	8	20,817	3,147	45	FCBGA1787	Laptop
Intel Core i5-1340P	12	20,739	3,624	28	FCBGA1744	Laptop
Intel Core i5-1250P	12	20,690	3,500	28	BGA1700	Laptop
AMD Ryzen 7 6800U	8	20,569	3,211	28	Unknown	Laptop
AMD Ryzen 7 5800HS	8	20,507	3,041	35	FP6	Laptop
Intel Core i7-1280P	14	20,383	3,320	28	FCBGA1744	Laptop
AMD Ryzen 5 7540U	6	20,083	3,846	28	FP7 FP7r2	Laptop
AMD Ryzen 5 PRO 6650H	6	19,907	3,318	45	FP7	Laptop
Intel Core i7-1360P	12	19,625	3,644	28	FCBGA1744	Laptop
AMD Ryzen 9 4900H	8	19,327	2,724	45	FP6	Laptop
AMD Ryzen 5 7535HS	6	19,250	3,305	35	FP7	Laptop
AMD Ryzen 9 4900HS	8	19,141	2,613	35	FP6	Laptop
AMD Ryzen 5 6600H	6	19,124	3,248	45	FP7	Laptop
AMD Ryzen 7 7730U	8	18,923	3,226	15	FP6	Laptop
AMD Ryzen 7 4800H	8	18,706	2,625	45	FP6	Laptop
AMD Ryzen 5 6600HS Creator Edition	6	18,695	3,159	35	FP7	Laptop
AMD Ryzen 7 5800U	8	18,680	3,050	15	FP6	Laptop
AMD Ryzen 7 4800HS	8	18,593	2,592	45	FP6	Laptop
AMD Ryzen 7 5825U	8	18,464	3,060	15	AM4	Laptop

CPU Name	Cores	CPU Mark	Thread Mark	TDP (W)	Socket	Category
	-	-	-	-	▼	Laptop
Intel Core i5-13420H	8	18,463	3,356	45	FCBGA1744	Laptop
AMD Ryzen 5 PRO 7540U	6	18,336	3,395	30	FP7 FP7r2	Laptop
Intel Xeon W-11855M @ 3.20GHz	6	18,295	3,278	45	FCBGA1787	Laptop, Server
Intel Core i5-1335U	10	18,217	3,665	15	FCBGA1744	Laptop
AMD Ryzen 7 Extreme Edition	8	18,185	2,641	NA	FP6	Laptop
Intel Core i5-12450H	8	18,029	3,516	45	FCBGA1744	Laptop
Intel Core i7-1270P	12	17,632	3,399	28	BGA1700	Laptop
AMD Ryzen 7 4980U Microsoft Surface Edition	8	17,469	2,752	15	FP6	Laptop
AMD Ryzen 5 7535U	6	17,419	3,256	28	FP7	Laptop
Intel Core i5-1240P	12	17,407	3,305	28	FCBGA1744	Laptop
Intel Core i7-1260P	12	17,307	3,348	28	FCBGA1744	Laptop
AMD Ryzen 7 PRO 5850U	8	17,289	3,035	15	FP6	Laptop
AMD Ryzen 5 6600U	6	17,221	3,199	25	FP7	Laptop
Apple M1 Pro 8 Core 3200 MHz	8	17,169	3,783	NA	Unknown	Desktop, Laptop
AMD Ryzen 5 5600H	6	17,120	2,965	45	FP6	Laptop
AMD Ryzen 7 4800U	8	16,938	2,600	15	FP6	Laptop
AMD Ryzen 5 PRO 6650U	6	16,818	3,173	28	FP7	Laptop
AMD Ryzen 7 PRO 5875U	8	16,816	2,924	15	FP6	Laptop
Intel Core i5-12500TE	6	16,456	3,385	35	FCLGA1700	Laptop, Mobile/IT
Intel Core i7-10700E @ 2.90GHz	8	16,418	2,896	65	FCLGA1200	Laptop, Mobile/IT
AMD Ryzen 5 PRO 7530U	6	16,408	3,067	15	FP6	Laptop
Intel Core i7-10700TE @ 2.00GHz	8	16,332	2,772	35	FCLGA1200	Laptop
AMD Ryzen 5 7530U	6	16,194	3,139	15	FP6	Laptop
Intel Core i5-11500H @ 2.90GHz	6	15,959	3,061	45	FCBGA1787	Laptop
AMD Ryzen 7 4850U Mobile	8	15,920	2,654	15	FP6	Laptop
Intel Core i7-11600H @ 2.90GHz	6	15,919	3,066	45	FCBGA1787	Laptop
Intel Core i5-11400H @ 2.70GHz	6	15,867	3,047	45	FCBGA1787	Laptop
Intel Core i5-11260H @ 2.60GHz	6	15,847	2,964	45	FCBGA1787	Laptop
AMD Ryzen 7 5700U	8	15,821	2,594	15	FP6	Laptop
Intel Core i9-10980HK @ 2.40GHz	8	15,794	2,830	45	FCBGA1440	Laptop
Intel Xeon W-10885M @ 2.40GHz	8	15,746	2,797	45	FCBGA1440	Laptop, Server
Intel Core i7-12700TE	12	15,616	2,424	35	FCLGA1700	Laptop, Mobile/IT
Intel Core i7-1365U	10	15,605	3,578	15	FCBGA1744	Laptop
Intel Core i7-1355U	10	15,467	3,582	15	FCBGA1744	Laptop
AMD Ryzen 5 5600U	6	15,457	2,917	15	FP6	Laptop
Intel Core i5-1345U	10	15,422	3,541	15	FCBGA1744	Laptop
Apple M2 8 Core 3500 MHz	8	15,357	3,982	NA	Unknown	Desktop, Laptop
Intel Core i9-10885H @ 2.40GHz	8	15,274	2,776	45	FCBGA1440	Laptop
AMD Ryzen 7 PRO 4750U	8	15,244	2,520	15	FP6	Laptop
AMD Ryzen 5 5625U	6	15,175	2,915	15	FP6	Laptop
Intel Core i7-10875H @ 2.30GHz	8	15,131	2,763	45	FCBGA1440	Laptop
Intel Xeon E-2286M @ 2.40GHz	8	15,124	2,746	45	FCBGA1440	Laptop

CPU Name	Cores	CPU Mark	Thread Mark	TDP (W)	Socket	Category
						Laptop
AMD Ryzen 5 5560U	6	15,103	2,818	15	AM4	Laptop
AMD Ryzen 5 PRO 5650U	6	15,013	2,957	15	FP6	Laptop
AMD Ryzen 5 PRO 4400GE	6	14,795	2,664	35	Unknown	Laptop
Intel Core i9-10880H @ 2.30GHz	8	14,736	2,784	45	FCBGA1440	Laptop
Intel Core i7-10870H @ 2.20GHz	8	14,675	2,703	45	FCBGA1440	Laptop
AMD Ryzen 5 4600H	6	14,565	2,448	45	FP6	Laptop
AMD Ryzen 5 PRO 5675U	6	14,474	2,926	15	FP6	Laptop
Intel Core i3-1220P	10	14,444	3,384	28	FCBGA1744	Laptop
AMD Ryzen 5 4600HS	6	14,341	2,410	35	FP6	Laptop
Intel Core i9-9980HK @ 2.40GHz	8	14,333	2,566	45	FCBGA1440	Laptop
Intel Core i5-1240U	10	14,323	3,224	29	FCBGA1744	Laptop
Intel Core i7-1265U	10	14,086	3,321	15	FCBGA1744	Laptop, Mobile/I
Apple M1 8 Core 3200 MHz	8	14,071	3,708	15.1	Unknown	Desktop, Laptop, Mobile/Embedd
Intel Core i7-1255U	10	13,905	3,347	15	FCBGA1744	Laptop
Intel Core i9-9880H @ 2.30GHz	8	13,878	2,543	45	FCBGA1440	Laptop
Intel Core i5-1235U	10	13,655	3,303	15	FCBGA1744	Laptop, Mobile/I
Intel Core i5-1245U	10	13,645	3,167	15	FCBGA1744	Laptop, Mobile/I
AMD Ryzen 7 4700U	8	13,483	2,533	15	FP6	Laptop
AMD Ryzen 5 4600U	6	13,430	2,431	15	FP6	Laptop
AMD Ryzen 5 5500U	6	13,182	2,459	15	FP6	Laptop
Intel Core i3-1315U	6	13,045	3,578	15	FCBGA1744	Laptop
Intel Core i3-12100TE	4	12,961	3,334	35	FCLGA1700	Laptop, Mobile/I
Intel Xeon W-10855M @ 2.80GHz	6	12,907	2,794	45	FCBGA1440	Laptop, Server
AMD Ryzen 3 PRO 7330U	4	12,846	3,194	15	FP6	Laptop
AMD Ryzen 5 PRO 4650U	6	12,769	2,448	15	FP6	Laptop
Intel Core i7-1260U	10	12,698	3,062	9	FCBGA1781	Laptop
Intel Core i7-1250U	10	12,682	2,944	9	FCBGA1781	Laptop
Intel Core i7-11375H @ 3.30GHz	4	12,156	3,073	35	FCBGA1449	Laptop
AMD Ryzen 5 PRO 4500U	6	12,117	2,486	15	FP6	Laptop
Intel Core i7-10750H @ 2.60GHz	6	12,065	2,683	45	FCBGA1440	Laptop
Intel Core i7-8700B @ 3.20GHz	6	12,062	2,748	65	FCBGA1440	Laptop
Intel Core i7-10850H @ 2.70GHz	6	11,923	2,716	45	FCBGA1440	Laptop
Snapdragon 8cx Gen 3 @ 3.0 GHz	8	11,801	2,521	NA	Unknown	Laptop, Mobile/I
Intel Core i7-11370H @ 3.30GHz	4	11,789	2,954	35	FCBGA1449	Laptop
Intel Xeon E-2276M @ 2.80GHz	6	11,784	2,637	45	FCBGA1440	Laptop
AMD Ryzen 3 5425U	4	11,553	2,952	15	FP6	Laptop
AMD Ryzen 3 5400U	4	11,540	2,869	15	FP6	Laptop
Intel Xeon E-2186M @ 2.90GHz	6	11,461	2,546	45	FCBGA1440	Laptop
Intel Core i5-10500H @ 2.50GHz	6	11,356	2,603	45	FCBGA1440	Laptop
Intel Core i7-9850H @ 2.60GHz	6	11,282	2,533	45	Unknown	Laptop
AMD Ryzen 3 PRO 5475U	4	11,272	2,876	15	FP6	Laptop
Intel Core i3-1215U	6	11,194	3,391	15	FCBGA1744	Laptop

CPU Name	Cores	CPU Mark	Thread Mark	TDP (W)	Socket	Category
	-	-	-	-	▼	Laptop
AMD Ryzen 3 PRO 5450U	4	11,110	2,722	15	FP6	Laptop
Intel Core i3-1210U	6	11,087	3,554	9	BGA1781	Laptop
Intel Core i7-1195G7 @ 2.90GHz	4	11,079	3,071	28	FCBGA1449	Laptop
AMD Ryzen 5 4500U	6	11,015	2,446	15	FP6	Laptop
Intel Core i5-11300H @ 3.10GHz	4	11,009	2,832	35	FCBGA1449	Laptop
Intel Core i7-9750H @ 2.60GHz	6	10,990	2,455	45	FCBGA1440	Laptop
Intel Core i5-11320H @ 3.20GHz	4	10,955	2,950	35	FCBGA1449	Laptop
AMD Ryzen 3 PRO 4200GE	4	10,930	2,540	35	Unknown	Laptop
AMD Ryzen 3 7330U	4	10,909	3,089	15	FP6	Laptop
Intel Core i5-1230U	10	10,861	2,764	9	FCBGA1781	Laptop
Intel Xeon E-2176M @ 2.70GHz	6	10,845	2,458	45	FCBGA1440	Laptop
Intel Core i7-9750HF @ 2.60GHz	6	10,771	2,457	45	FCBGA1440	Laptop
Intel Core i7-9700TE @ 1.80GHz	8	10,647	2,303	35	FCLGA1151-2	Desktop, Laptop
Intel Core i9-8950HK @ 2.90GHz	6	10,600	2,453	45	FCBGA1440	Laptop
Intel Core i7-1185G7 @ 3.00GHz	4	10,580	2,838	15	BGA1526	Laptop
Intel Core i7-1185G7E @ 2.80GHz	4	10,444	2,706	15	FCBGA1449	Laptop, Mobile/I
Intel Core i7-11390H @ 3.40GHz	4	10,438	2,962	35	FCBGA1449	Laptop
Intel Core i7-1165G7 @ 2.80GHz	4	10,375	2,844	15	BGA1526	Laptop
Intel Core i5-1334U	10	10,366	3,051	15	FCBGA1744	Laptop
Intel Core i5-1155G7 @ 2.50GHz	4	10,325	2,937	28	FCBGA1449	Laptop
Intel Core i7-8850H @ 2.60GHz	6	10,309	2,397	45	FCBGA1440	Laptop
Intel Core i3-N305	8	10,265	2,279	15	FCBGA1264	Laptop, Mobile/I
AMD Ryzen 3 PRO 4450U	4	10,093	2,355	15	FP6	Laptop
Intel Core i7-8750H @ 2.20GHz	6	9,976	2,311	45	FCBGA1440	Laptop
Intel Core i5-1145G7 @ 2.60GHz	4	9,965	2,788	28	FCBGA1449	Laptop
Intel Core i5-1135G7 @ 2.40GHz	4	9,925	2,707	15	BGA1526	Laptop
Intel Core i5-9500TE @ 2.20GHz	6	9,845	2,365	35	FCLGA1151-2	Laptop
Intel Core i3-1125G4 @ 2.00GHz	4	9,830	2,508	28	FCBGA1449	Laptop
AMD Ryzen 5 7520U	4	9,759	2,573	15	FP6	Laptop
Intel Core i7-10710U @ 1.10GHz	6	9,736	2,378	15	FCBGA1528	Laptop
AMD Ryzen 3 5300U	4	9,732	2,362	15	FP6	Laptop
Intel Core i3-1305U	5	9,724	3,711	15	FCBGA1744	Laptop
Intel Core i7-1068NG7 @ 2.30GHz	4	9,671	2,427	28	FCBGA1344	Laptop
Intel Core i5-9400F @ 2.90GHz	6	9,505	2,450	65	FCLGA1151-2	Desktop, Laptop
AMD Ryzen 3 7320U	4	9,249	2,485	15	FP7	Laptop
Intel Core i7-1265UE	10	9,195	2,499	28	FCBGA1744	Laptop, Mobile/I
Intel Core i5-1038NG7 @ 2.00GHz	4	9,192	2,227	28	FCBGA1344	Laptop
Intel Core i7-1160G7 @ 1.20GHz	4	9,183	2,667	NA	FCBGA1598	Laptop
Intel U300	5	9,114	NA	15	FCBGA1744	Laptop
Intel Core i7-9850HL @ 1.90GHz	6	9,112	2,139	25	FCBGA1440	Desktop, Laptop
Intel Pentium Gold 8505	5	9,035	3,313	15	BGA1700	Laptop, Mobile/I
Intel Core i5-8500B @ 3.00GHz	6	9,011	2,554	65	FCBGA1440	Laptop
Intel Core i5-10400H @ 2.60GHz	4	8,622	2,655	45	FCBGA1440	Laptop