

CPU Benchmarks

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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.

Single CPU Systems *Last Updated: 29th of March 2022*

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entries

CPU Name	Cores	CPU Mark	Thread Mark	TDP (W)	Socket	Category
		20000				
Intel Xeon E5-2690 v4 @ 2.60GHz	14	20,050	1,975	135	FCLGA2011-3	Server
Intel Xeon E5-2699C v4 @ 2.20GHz	22	20,079	1,622	145	FCLGA2011-3	Server
AMD Ryzen 7 4700G	8	20,138	2,758	65	AM4	Desktop
Intel Core i9-11900T @ 1.50GHz	8	20,225	3,419	35	FCLGA1200	Desktop
AMD Ryzen 7 PRO 5875U	8	20,369	2,919	15	FP6	Laptop
Intel Xeon E5-2695 v4 @ 2.10GHz	18	20,373	1,948	120	FCLGA2011-3	Server
Intel Core i5-12500	6	20,387	3,761	65	LGA 1700	Desktop
Intel Xeon Gold 6244 @ 3.60GHz	8	20,402	2,752	150	FCLGA3647	Server
Intel Xeon E5-2699 v3 @ 2.30GHz	18	20,410	1,896	145	LGA2011-v3	Server
AMD Ryzen 7 4700GE	8	20,414	2,728	35	AM4	Desktop
AMD EPYC 7451	24	20,471	1,975	180	SP3	Server
Intel Xeon W-2150B @ 3.00GHz	10	20,490	2,702	NA	FCLGA2066	Server
Intel Core i9-10900 @ 2.80GHz	10	20,520	3,067	65	FCLGA1200	Desktop
Intel Xeon W-1290 @ 3.20GHz	10	20,533	3,093	80	FCLGA1200	Server

AMD Ryzen 7 PRO 4750G	8	20,604	2,710	65	AM4	Desktop
Intel Core i9-10900E @ 2.80GHz	10	20,658	2,969	65	FCLGA1200	Desktop, Mobile/Embedded
Intel Xeon Gold 6130 @ 2.10GHz	16	20,721	1,880	125	FCLGA3647	Server
Intel Core i7-11700 @ 2.50GHz	8	20,726	3,128	95	FCLGA1200	Desktop
AMD Ryzen 7 5800HS	8	20,738	3,070	35	FP6	Laptop
AMD Ryzen 5 PRO 5650G	6	20,750	3,239	65	AM4	Desktop
Intel Xeon E5-2697R v4 @ 2.30GHz	18	20,843	2,007	145	FCLGA2011-3	Server
AMD Ryzen 7 PRO 4700G	8	20,848	2,700	65	AM4	Desktop
AMD EPYC 7262	8	20,875	2,015	155	SP3	Server
Intel Core i9-10900F @ 2.80GHz	10	20,920	3,074	65	FCLGA1200	Desktop
AMD Ryzen 9 5900H	8	20,960	3,312	NA	AM4	Laptop
Intel Xeon Silver 4310T @ 2.30GHz	10	20,973	2,288	105	FCLGA4189	Server
AMD Ryzen 7 5800HS Creator Edition	8	21,026	3,146	NA	Unknown	Laptop
Intel Xeon Gold 6132 @ 2.60GHz	14	21,042	2,180	140	FCLGA3647	Server
Intel Xeon W-2155 @ 3.30GHz	10	21,198	2,637	140	FCLGA2066	Server
Intel Xeon Gold 5315Y @ 3.20GHz	8	21,225	2,524	140	FCLGA4189	Server
AMD EPYC 7281	16	21,230	1,613	155	SP3	Server
Intel Core i7-11850H @ 2.50GHz	8	21,230	3,229	45	FCBGA1787	Laptop
Intel Core i9-7900X @ 3.30GHz	10	21,306	2,593	140	FCLGA2066	Desktop
AMD Ryzen 9 5980HS	8	21,412	3,145	35	FP6	Laptop
Intel Core i7-11700F @ 2.50GHz	8	21,455	3,341	65	FCLGA1200	Desktop
Intel Core i5-12600	6	21,473	3,865	65	LGA 1700	Desktop
Intel Core i7-11800H @ 2.30GHz	8	21,481	3,139	45	FCBGA1787	Laptop
Intel Xeon E5-2697A v4 @ 2.60GHz	16	21,494	2,038	145	FCLGA2011-3	Server
AMD Ryzen 7 5800H	8	21,506	3,087	45	FP6	Laptop
Intel Xeon E5-2697 v4 @ 2.30GHz	18	21,545	1,963	145	FCLGA2011-3	Server
Intel Core i5-1240P	4	21,646	3,659	28	FCBGA1744	Laptop
Intel Core i9-11900H @ 2.50GHz	8	21,686	3,213	45	FCBGA1787	Laptop
Intel Xeon E5-2698 v4 @ 2.20GHz	20	21,755	2,141	135	FCLGA2011-3	Server
Intel Core i9-10910 @ 3.60GHz	10	21,801	3,145	125	FCLGA1200	Desktop
Intel Xeon Gold 6130T @ 2.10GHz	16	21,803	1,698	125	FCLGA3647	Server
Intel Core i9-9900X @ 3.50GHz	10	21,862	2,605	165	FCLGA2066	Desktop
Intel Xeon W-2255 @ 3.70GHz	10	21,981	2,724	165	FCLGA2066	Desktop, Server
AMD Ryzen Threadripper 1920	12	22,066	2,299	140	sTR4	Desktop
Intel Xeon W-1290E @ 3.50GHz	10	22,066	2,914	95	FCLGA1200	Server
AMD Ryzen 5 5600X	6	22,109	3,379	65	AM4	Desktop
Intel Xeon Gold 5218 @ 2.30GHz	16	22,117	2,245	125	FCLGA3647	Server
Intel Xeon Gold 6334 @ 3.60GHz	8	22,160	2,592	165	FCLGA4189	Server
Intel Xeon Gold 6136 @ 3.00GHz	12	22,266	2,224	150	FCLGA3647	Server
AMD Ryzen 9 5900HS	8	22,268	3,207	35	FP6	Laptop
Intel Xeon Gold 6152 @ 2.10GHz	22	22,291	2,155	140	FCLGA3647	Server
Intel Xeon Platinum 8124M @ 3.00GHz	18	22,298	2,051	NA	FCLGA3647	Server
AMD Ryzen 7 PRO 5750GE	8	22,378	3,321	35	AM4	Desktop
Apple M1 Pro 10 Core 3200 MHz	10	22,423	3,849	NA	Unknown	Desktop, Laptop

Intel Core i7-11700B @ 3.20GHz	8	22,539	3,362	65	Unknown	Desktop
AMD Ryzen 7 5700GE	8	22,566	3,371	35	AM4	Desktop
AMD Ryzen 7 6800H	8	22,593	3,333	45	FP7	Laptop
Intel Core i5-12500H	4	22,629	3,702	45	FCBGA1744	Laptop
Intel Core i9-11950H @ 2.60GHz	8	22,664	3,319	45	FCBGA1787	Laptop
AMD Ryzen 7 PRO 3700	8	22,673	2,673	65	AM4	Desktop
Apple M1 Max 10 Core 3200 MHz	10	22,681	3,850	NA	Unknown	Desktop, Laptop
AMD Ryzen 7 3700X	8	22,723	2,681	65	AM4	Desktop
Intel Core i9-10900X @ 3.70GHz	10	22,723	2,697	165	FCLGA2066	Desktop
Intel Xeon Gold 6140 @ 2.30GHz	18	22,733	1,840	140	FCLGA3647	Server
Intel Xeon E5-2696 v4 @ 2.20GHz	22	22,810	2,237	145	FCLGA2011-3	Server
Intel Core i7-1270P	4	22,842	3,824	28	BGA1700	Laptop
Intel Xeon Gold 6138 @ 2.00GHz	20	22,851	2,220	125	FCLGA3647	Server
Intel Xeon W-1290P @ 3.70GHz	10	23,000	3,213	125	FCLGA1200	Server
AMD EPYC 7551	32	23,002	1,784	180	SP3	Server
AMD EPYC 7F32	8	23,026	2,423	180	SP3	Server
Intel Core i9-11900KB @ 3.30GHz	8	23,053	3,308	65	FCBGA1787	Desktop
Intel Core i5-1250P	4	23,120	3,619	28	BGA1700	Laptop
Intel Core i9-10850K @ 3.60GHz	10	23,132	3,092	125	FCLGA1200	Desktop
AMD Ryzen Threadripper 1920X	12	23,162	2,294	180	sTR4	Desktop
Intel Xeon Platinum 8176 @ 2.10GHz	28	23,179	2,048	165	FCLGA3647	Server
AMD Ryzen 9 5900HX	8	23,193	3,238	45	FP6	Laptop
Intel Xeon W-2175 @ 2.50GHz	14	23,215	2,481	140	FCLGA2066	Server
Intel Core i9-11900 @ 2.50GHz	8	23,241	3,449	65	FCLGA1200	Desktop
Intel Core i9-7920X @ 2.90GHz	12	23,252	2,467	140	FCLGA2066	Desktop
AMD Ryzen 7 3800X	8	23,285	2,736	105	AM4	Desktop
AMD Ryzen 9 5980HX	8	23,402	3,341	45	FP6	Laptop
Intel Xeon Gold 6146 @ 3.20GHz	12	23,432	2,493	165	FCLGA3647	Server
Intel Xeon E5-2679 v4 @ 2.50GHz	20	23,512	1,951	200	FCLGA2011-3	Server
Intel Core i9-11980HK @ 2.60GHz	8	23,518	3,303	45	FCBGA1787	Laptop
Intel Core i9-10900KF @ 3.70GHz	10	23,552	3,138	125	FCLGA1200	Desktop
Intel Xeon E-2388G @ 3.20GHz	8	23,553	3,350	95	FCLGA1200	Server
AMD EPYC 7351	16	23,566	1,821	155	SP3	Server
Intel Xeon Silver 4310 @ 2.10GHz	12	23,589	2,200	120	FCLGA4189	Server
Intel Xeon W-1390 @ 2.80GHz	8	23,635	3,329	80	FCLGA1200	Server
Intel Xeon E5-2696 v3 @ 2.30GHz	18	23,765	2,214	145	LGA2011-v3	Server
Intel Core i9-10900K @ 3.70GHz	10	23,804	3,167	125	FCLGA1200	Desktop
AMD Ryzen 7 3800XT	8	23,814	2,846	105	AM4	Desktop
AMD EPYC 7551P	32	23,927	1,651	180	SP3	Server
Intel Core i9-11900F @ 2.50GHz	8	23,958	3,532	65	FCLGA1200	Desktop
Intel Xeon W-11955M @ 2.60GHz	8	24,173	3,392	45	FCBGA1787	Laptop, Server
Intel Xeon Gold 6248 @ 2.50GHz	20	24,234	2,290	150	FCLGA3647	Server
Intel Core i7-11700KF @ 3.60GHz	8	24,281	3,419	125	FCLGA1200	Desktop
Intel Xeon E5-2699 v4 @ 2.20GHz	22	24,415	1,950	145	FCLGA2011-3	Server
Intel Xeon Gold 6246 @ 3.30GHz	12	24,446	2,450	165	FCLGA3647	Server
Intel Xeon Gold 6150 @ 2.70GHz	18	24,489	2,190	165	FCLGA3647	Server

Intel Xeon W-1370 @ 2.90GHz	8	24,511	3,568	80	FCLGA1200	Desktop, Server
AMD Ryzen 7 5700G	8	24,568	3,286	65	AM4	Desktop
Intel Xeon W-2170B @ 2.50GHz	14	24,745	2,578	NA	FCLGA-2066	Server
Intel Xeon Gold 6143 @ 2.80GHz	16	24,786	2,248	205	FCLGA3647	Server
Intel Xeon Gold 6138T @ 2.00GHz	20	24,800	2,050	125	FCLGA3647	Server
Intel Core i7-11700K @ 3.60GHz	8	24,815	3,432	125	FCLGA1200	Desktop
AMD Ryzen 9 6900HS	8	24,819	3,383	35	FP7	Laptop
AMD EPYC 7501	32	24,925	1,925	155	SP3	Server
AMD Ryzen 7 PRO 5750G	8	25,045	3,377	65	AM4	Desktop
Intel Xeon Gold 5218R @ 2.10GHz	20	25,191	2,200	125	FCLGA3647	Server
Intel Xeon W-1370P @ 3.60GHz	8	25,202	3,494	125	FCLGA1200	Desktop, Server
Intel Core i9-9920X @ 3.50GHz	12	25,357	2,624	165	FCLGA2066	Desktop
Intel Xeon Platinum 8167M @ 2.00GHz	26	25,396	1,455	NA	FCLGA3647	Server
Intel Core i9-11900KF @ 3.50GHz	8	25,472	3,566	125	FCLGA1200	Desktop
AMD EPYC 7351P	16	25,484	1,809	155	SP3	Server
AMD Ryzen Threadripper 2920X	12	25,528	2,494	180	sTR4	Desktop
Intel Core i9-11900K @ 3.50GHz	8	25,555	3,516	125	FCLGA1200	Desktop
AMD Ryzen 7 5800	8	25,613	3,391	65	AM4	Desktop
Intel Xeon Gold 5220 @ 2.20GHz	18	25,740	2,396	125	FCLGA3647	Server
Intel Xeon W-2265 @ 3.50GHz	12	25,866	2,803	165	FCLGA2066	Server
Intel Xeon W-3323 @ 3.50GHz	12	25,875	2,617	220	FCLGA4189	Desktop, Server
Intel Xeon W-3235 @ 3.30GHz	12	25,974	2,622	180	FCLGA3647	Server
Intel Xeon W-1390P @ 3.50GHz	8	26,031	3,619	125	FCLGA1200	Desktop, Server
Intel Xeon E5-2698R v4 @ 2.20GHz	20	26,211	2,389	NA	FCLGA2011-3	Server
Intel Xeon Gold 6242 @ 2.80GHz	16	26,288	2,196	150	FCLGA3647	Server
Intel Xeon Gold 5318Y @ 2.10GHz	24	26,400	1,826	165	FCLGA4189	Server
AMD EPYC 7272	12	26,446	2,013	120	SP3	Server
Intel Xeon Gold 6154 @ 3.00GHz	18	26,458	2,238	200	FCLGA3647	Server
AMD Ryzen Threadripper 2990X	32	26,469	2,285	250	TR4	Desktop
Intel Xeon Platinum 8160 @ 2.10GHz	24	26,485	1,984	150	FCLGA3647	Server
Intel Core i9-7940X @ 3.10GHz	14	26,585	2,490	165	FCLGA2066	Desktop
Intel Xeon Gold 6230 @ 2.10GHz	20	26,657	2,285	125	FCLGA3647	Server
Intel Xeon Platinum 8175M @ 2.50GHz	24	26,659	1,903	NA	FCLGA3647	Server
Intel Core i9-7960X @ 2.80GHz	16	26,699	2,525	165	FCLGA2066	Desktop
Intel Core i9-10920X @ 3.50GHz	12	26,778	2,771	165	FCLGA2066	Desktop
Intel Xeon Gold 6208U @ 2.90GHz	16	26,901	2,247	150	FCLGA3647	Server
Intel Xeon Gold 6226R @ 2.90GHz	16	26,981	2,288	150	FCLGA3647	Server
Intel Core i5-12600KF	6	27,150	3,971	150	FCLGA1700	Desktop
Intel Core i7-12700H	6	27,283	3,770	45	FCBGA1744	Laptop
Intel Core i5-12600K	6	27,292	3,975	150	FCLGA1700	Desktop
Intel Xeon W-2195 @ 2.30GHz	18	27,325	2,413	140	FCLGA2066	Server
Intel Xeon Platinum 8173M @ 2.00GHz	28	27,377	2,123	165	FCLGA3647	Server
AMD EPYC 7571	32	27,445	1,934	120	SP3	Server

Intel Xeon Gold 6212U @ 2.40GHz	24	27,470	2,013	165	FCLGA3647	Server
Intel Xeon Gold 6238 @ 2.10GHz	22	27,617	1,691	140	FCLGA3647	Server
Intel Xeon W-2275 @ 3.30GHz	14	27,933	2,805	165	FCLGA2066	Desktop
AMD Ryzen Threadripper 1950X	16	28,003	2,294	180	sTR4	Desktop
ARM Neoverse-N1 64 Core 0 MHz	64	28,079	1,085	NA	Unknown	Unknown
AMD Ryzen 7 5800X	8	28,392	3,488	105	AM4	Desktop
Intel Core i9-9940X @ 3.30GHz	14	28,411	2,647	165	FCLGA2066	Desktop
Intel Xeon Gold 5317 @ 3.00GHz	12	28,580	2,437	150	FCLGA4189	Server
Intel Core i9-10940X @ 3.30GHz	14	28,666	2,726	165	FCLGA2066	Desktop
Intel Core i9-12900HK	6	28,730	3,836	45	FCBGA1744	Laptop
Intel Xeon Gold 6210U @ 2.50GHz	20	28,915	2,203	150	FCLGA3647	Server
Intel Xeon Gold 6148 @ 2.40GHz	20	28,962	2,182	150	FCLGA3647	Server
Intel Xeon W-2191B @ 2.30GHz	18	29,067	2,645	140	FCLGA2066	Server
Intel Xeon Gold 6254 @ 3.10GHz	18	29,356	2,381	200	FCLGA3647	Server
Intel Core i9-7980XE @ 2.60GHz	18	29,530	2,470	165	FCLGA2066	Desktop
AMD Ryzen Threadripper 2950X	16	29,951	2,489	180	sTR4	Desktop
Intel Xeon Platinum 8268 @ 2.90GHz	24	30,103	2,167	205	FCLGA3647	Server
Intel Xeon W-3265 @ 2.70GHz	24	30,105	2,572	205	FCLGA3647	Server
AMD Ryzen Threadripper 2970WX	24	30,125	2,355	250	sTR4	Desktop
Intel Xeon Gold 6246R @ 3.40GHz	16	30,145	2,370	205	FCLGA3647	Server
Intel Core i9-9990XE @ 4.00GHz	14	30,162	2,970	255	LGA2066	Desktop
Intel Xeon W-3245 @ 3.20GHz	16	30,423	2,532	205	FCLGA3647	Server
Intel Xeon Silver 4314 @ 2.40GHz	16	30,525	2,205	135	FCLGA4189	Server
Intel Xeon Gold 6253CL @ 3.10GHz	18	30,616	2,346	205	FCLGA3647	Server
Intel Core i9-12900H	6	30,685	4,019	45	FCBGA1744	Laptop
AMD Ryzen 9 3900	12	30,699	2,632	65	AM4	Desktop
Intel Core i9-9960X @ 3.10GHz	16	30,924	2,637	165	FCLGA2066	Desktop
AMD EPYC 7371	16	31,094	2,377	NA	SP3	Server
AMD Ryzen 9 PRO 3900	12	31,372	2,623	65	AM4	Desktop
Intel Core i7-12700	8	31,449	3,929	65	FCLGA1700	Desktop
Intel Xeon Platinum 8259CL @ 2.50GHz	24	31,500	1,863	210	LGA 3647	Server
AMD EPYC 7282	16	31,631	1,987	120	SP3	Server
Intel Core i7-12700F	8	31,717	3,987	65	FCLGA1700	Desktop
AMD EPYC 7401P	24	31,767	1,834	155	SP3	Server
Intel Xeon W-2295 @ 3.00GHz	18	31,853	2,701	165	FCLGA2066	Server
Intel Core i9-9980XE @ 3.00GHz	18	31,985	2,571	165	FCLGA2066	Desktop
Intel Xeon Gold 6230R @ 2.10GHz	26	32,223	2,020	150	FCLGA3647	Server
Intel Xeon Gold 6252 @ 2.10GHz	24	32,410	2,143	150	FCLGA3647	Server
AMD EPYC 7302P	16	32,480	1,878	155	SP3	Server
AMD Ryzen Threadripper 2990WX	32	32,572	2,299	250	sTR4	Desktop
Intel Xeon Platinum 8168 @ 2.70GHz	24	32,616	2,138	205	FCLGA3647	Server
AMD Ryzen 9 3900X	12	32,766	2,726	105	AM4	Desktop
AMD Ryzen 9 3900XT	12	32,873	2,787	105	AM4	Desktop
AMD EPYC 7302	16	33,015	1,978	155	SP3	Server

Intel Xeon Gold 5220R @ 2.20GHz	24	33,370	2,399	150	FCLGA3647	Server
AMD Ryzen Threadripper PRO 3945WX	12	33,425	2,709	280	sTRX4	Desktop
Intel Core i9-10980XE @ 3.00GHz	18	33,667	2,670	165	FCLGA2066	Desktop
Intel Xeon D-2799 @ 2.40GHz	20	33,792	2,404	129	FCBGA2579	Server
Intel Core i7-12700K	8	33,911	4,038	190	FCLGA1700	Desktop
Intel Core i7-12700KF	8	33,944	4,045	190	FCLGA1700	Desktop
Intel Xeon Platinum 8260M @ 2.30GHz	24	33,970	2,315	165	LGA3647	Server
AMD Ryzen 9 5900	12	34,824	3,432	65	AM4	Desktop
Intel Xeon Gold 6326 @ 2.90GHz	16	35,328	2,356	185	FCLGA4189	Server
Intel Xeon Gold 6242R @ 3.10GHz	20	35,352	2,426	205	FCLGA3647	Server
Intel Core i9-12900F	8	35,651	4,081	65	FCLGA1700	Desktop
Intel Core i9-12900T	8	35,833	4,032	35	FCLGA1700	Desktop
Intel Xeon W-3175X @ 3.10GHz	28	37,167	2,148	255	FCLGA3647	Desktop
Intel Xeon Silver 4316 @ 2.30GHz	20	37,264	2,380	150	FCLGA4189	Server
Intel Xeon Gold 6238R @ 2.20GHz	28	37,511	2,362	165	FCLGA3647	Server
Intel Xeon Platinum 8280 @ 2.70GHz	28	37,575	2,011	205	FCLGA3647	Server
Intel Xeon Gold 6346 @ 3.10GHz	16	37,606	2,455	205	FCLGA4189	Server
Intel Core i9-12900	8	37,789	4,142	65	FCLGA1700	Desktop
ARM Neoverse-N1 80 Core 0 MHz	80	37,809	1,311	NA	Unknown	Unknown
ARM Neoverse-N1 80 Core 3000 MHz	80	38,122	1,329	NA	Unknown	Unknown
Intel Xeon Gold 6248R @ 3.00GHz	24	38,604	2,296	205	FCLGA3647	Server
AMD Ryzen 9 3950X	16	39,169	2,739	105	AM4	Desktop
AMD Ryzen 9 5900X	12	39,475	3,494	105	AM4	Desktop
Intel Xeon W-3265M @ 2.70GHz	24	39,620	2,718	205	FCLGA3647	Desktop, Server
AMD Ryzen Threadripper PRO 3955WX	16	40,173	2,695	280	sTRX4	Desktop
AMD EPYC 7352	24	40,472	1,995	155	SP3	Server
AMD EPYC 7313P	16	40,494	2,572	155	SP3	Server
AMD EPYC 7313	16	40,575	2,610	155	SP3	Server
Intel Xeon W-3275M @ 2.50GHz	28	40,767	2,725	205	FCLGA3647	Server
Intel Xeon Platinum 8275CL @ 3.00GHz	24	40,794	2,386	NA	Unknown	Server
Intel Core i9-12900K	8	40,879	4,208	241	FCLGA1700	Desktop
AMD EPYC 7F52	16	40,951	2,446	240	SP3	Server
Intel Core i9-12900KF	8	40,964	4,217	241	FCLGA1700	Desktop
Apple M1 Ultra 20 Core	16	41,432	3,893	60	Unknown	Desktop
Intel Xeon Gold 6354 @ 3.00GHz	18	41,434	2,406	205	FCLGA4189	Server
AMD Ryzen Threadripper PRO 5945WX	12	41,578	3,347	280	sWRX8	Desktop
AMD EPYC 7402P	24	41,741	1,970	180	SP3	Server
AMD EPYC 7452	32	41,871	1,689	155	SP3	Server
AMD EPYC 7601	32	42,244	1,941	180	SP3	Server
Intel Xeon Gold 6330 @ 2.00GHz	28	43,056	2,034	205	FCLGA4189	Server
Intel Xeon Gold 6312U @ 2.40GHz	24	43,745	2,383	185	FCLGA4189	Server

Intel Xeon Gold 6336Y @ 2.40GHz	24	45,517	2,522	185	FCLGA4189	Server
AMD EPYC 7713P	64	45,860	2,736	225	SP3	Server
AMD EPYC 7343	16	45,882	2,947	190	SP3	Server
AMD EPYC 73F3	16	46,085	2,878	240	SP3	Server
AMD Ryzen 9 5950X	16	46,212	3,501	105	AM4	Desktop
AMD EPYC 7413	24	46,295	1,983	180	SP3	Server
Intel Xeon Gold 6342 @ 2.80GHz	24	48,330	2,453	230	FCLGA4189	Server
AMD EPYC 7502P	32	48,571	1,887	180	SP3	Server
AMD EPYC 7502	32	49,177	1,843	180	SP3	Server
Intel Xeon Platinum 8347C @ 2.10GHz	36	49,386	2,445	210	LGA4189	Server
AMD EPYC 7402	24	51,368	2,081	180	SP3	Server
AMD Ryzen Threadripper PRO 5955WX	16	51,656	3,346	280	sWRX8	Desktop
Intel Xeon Platinum 8375C @ 2.90GHz	32	51,836	2,439	300	FCLGA4189	Server
Intel Xeon Gold 6348 @ 2.60GHz	28	53,112	2,455	235	FCLGA4189	Server
AMD EPYC 7453	28	53,511	2,580	225	SP3	Server
Intel Xeon Platinum 8358 @ 2.60GHz	32	54,416	2,382	250	FCLGA4189	Server
AMD Ryzen Threadripper 3960X	24	54,743	2,678	280	sTRX4	Desktop
AMD EPYC 7532	32	55,358	2,137	200	SP3	Server
AMD EPYC 7543	32	56,359	2,749	240	SP3	Server
AMD EPYC 7542	32	56,728	2,207	225	SP3	Server
AMD EPYC 7443P	24	57,711	2,965	200	SP3	Server
AMD EPYC 7513	32	59,732	2,447	200	SP3	Server
AMD EPYC 74F3	24	60,948	2,975	240	SP3	Server
AMD EPYC 7702P	64	61,689	2,110	200	SP3	Server
Intel Xeon Platinum 8380 @ 2.30GHz	40	62,317	2,385	270	FCLGA4189	Server
AMD Ryzen Threadripper PRO 3975WX	32	63,173	2,664	280	sTRX4	Desktop
AMD Ryzen Threadripper 3970X	32	63,872	2,694	280	sTRX4	Desktop
AMD EPYC 7R32	48	64,727	1,922	NA	Unknown	Server
AMD EPYC 7543P	32	67,733	2,758	225	SP3	Server
AMD Ryzen Threadripper PRO 5965WX	24	68,405	3,346	280	sWRX8	Desktop
AMD EPYC 75F3	32	68,505	2,775	280	SP3	Server
AMD EPYC 7742	64	68,749	2,145	225	SP3	Server
AMD EPYC 7662	64	71,576	2,054	225	SP3	Server
AMD EPYC 7702	64	71,646	2,097	200	SP3	Server
AMD EPYC 7643	48	76,455	2,695	225	SP3	Server
AMD EPYC 7B13	60	77,460	2,564	NA	Unknown	Server
AMD Ryzen Threadripper PRO 5975WX	32	80,933	3,344	280	sWRX8	Desktop
AMD Ryzen Threadripper 3990X	64	81,331	2,569	280	sTRX4	Desktop
AMD Ryzen Threadripper PRO 3995WX	64	84,705	2,625	280	sTRX4	Desktop
AMD EPYC 7713	64	85,861	2,727	225	SP3	Server

<u>AMD EPYC 7J13</u>	64	86,006	2,387	NA	Unknown	Server
<u>AMD EPYC 7763</u>	64	88,338	2,635	280	SP3	Server
<u>AMD Ryzen Threadripper PRO 5995WX</u>	64	108,822	3,330	280	sWRX8	Desktop

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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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Promotion	Advertising Campaign	Brand Development			
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Image Recognition	Facial Recognition	Voice Recognition			
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Text-to-Speech	Speech-to-Text	Machine Learning			
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Generative Adversarial Networks	Reinforcement Learning	Meta-Learning			
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Unsupervised Learning	Supervised Learning	Classification Algorithms			
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Support Vector Machines	Naive Bayes	Bayesian Networks			
Linear Regression	Markov Chains	Hidden Markov Models			
Naive Bayes	Monte Carlo Simulation	Particle Filter			
Markov Chains	Kalman Filter	Extended Kalman Filter			
Monte Carlo Simulation	Particle Swarm Optimization	Genetic Algorithms			
Kalman Filter	Simulated Annealing	Tabu Search			
Particle Swarm Optimization	Ant Colony Optimization	Differential Evolution			
Simulated Annealing	Cuckoo Search	Firefly Algorithm			
Ant Colony Optimization	Bat Algorithm	Whale Optimization			
Cuckoo Search	Grey Wolf Optimizer	Salmonfish Algorithm			
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Grey Wolf Optimizer	Shuffled Frog-Leaping Algorithm	Multi-Verse Optimizer			
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