

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. Results below are for [Single CPU Systems](#) only. For [Multiple CPU Systems](#), results can be found on the CPU Mega List page.

 Find CPU

Single CPU Systems

Last updated on the 20th of July 2022

Column

CPU Name	CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Threadripper PRO 5995WX	103,642	1	NA	NA
AMD EPYC 7773X	89,614	2	14.23	\$6,299.00
AMD EPYC 7763	88,270	3	16.65	\$5,299.99
AMD EPYC 7J13	86,006	4	NA	NA
AMD EPYC 7713	85,861	5	19.08	\$4,500.00
AMD Ryzen Threadripper PRO 3995WX	83,017	6	11.86	\$6,999.99
AMD EPYC 7713P	82,441	7	NA	NA
AMD Ryzen Threadripper 3990X	81,363	8	10.83	\$7,513.58
AMD Ryzen Threadripper PRO 5975WX	80,757	9	13.90	\$5,808.00*
AMD EPYC 7B13	77,460	10	NA	NA
AMD EPYC 7643	76,455	11	14.09	\$5,424.99*
AMD EPYC 7662	73,143	12	18.29	\$3,999.99*
AMD EPYC 7702	71,646	13	31.70	\$2,259.95
AMD EPYC 7742	68,749	14	13.65	\$5,037.00
AMD EPYC 75F3	68,505	15	13.70	\$4,999.00
AMD Ryzen Threadripper PRO 5965WX	67,986	16	NA	NA
AMD EPYC 7543P	67,297	17	22.44	\$2,999.00*

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AMD Ryzen Threadripper PRO 3975WX	63,043	20	15.46	\$4,077.00
Intel Xeon Platinum 8380 @ 2.30GHz	62,318	21	6.94	\$8,978.00*
AMD EPYC 7702P	61,689	22	30.30	\$2,035.95
AMD EPYC 74F3	60,840	23	12.68	\$4,798.95
AMD EPYC 7513	59,732	24	21.03	\$2,840.00*
AMD EPYC 7642	59,126	25	31.20	\$1,895.00
AMD EPYC 7443P	57,755	26	38.50	\$1,499.99*
AMD EPYC 7542	56,728	27	38.88	\$1,459.19
AMD EPYC 7543	56,562	28	15.04	\$3,761.00*
AMD EPYC 7532	55,358	29	41.31	\$1,339.99*
AMD Ryzen Threadripper 3960X	54,781	30	40.43	\$1,355.00
Intel Xeon Platinum 8358 @ 2.60GHz	54,416	31	10.67	\$5,097.75*
AMD EPYC 7453	53,511	32	29.74	\$1,799.00*
Intel Xeon W-3375 @ 2.50GHz	53,266	33	11.84	\$4,499.00*
Intel Xeon Gold 6348 @ 2.60GHz	53,112	34	16.79	\$3,163.00
Intel Xeon Platinum 8375C @ 2.90GHz	51,836	35	NA	NA
AMD EPYC 7402	51,368	36	43.53	\$1,179.99
AMD Ryzen Threadripper PRO 5955WX	50,932	37	NA	NA
Intel Xeon Platinum 8347C @ 2.10GHz	49,386	38	NA	NA
AMD EPYC 7502	49,178	39	17.19	\$2,860.33
AMD EPYC 7502P	48,995	40	35.92	\$1,364.00
AMD EPYC 7413	48,858	41	24.45	\$1,997.99*
Intel Xeon Gold 6342 @ 2.80GHz	48,330	42	15.69	\$3,079.40
Intel Xeon Gold 6338N @ 2.20GHz	46,322	43	9.92	\$4,671.69*
AMD EPYC 73F3	46,085	44	7.75	\$5,947.00
AMD EPYC 7343	45,882	45	26.99	\$1,699.99*
AMD Ryzen 9 5950X	45,878	46	83.58	\$548.89
Intel Xeon Gold 6336Y @ 2.40GHz	45,517	47	15.93	\$2,857.95*
Intel Core i9-12900KS	44,737	48	60.87	\$734.98
Intel Xeon Gold 6312U @ 2.40GHz	43,745	49	24.17	\$1,809.59*
Intel Xeon Gold 6330 @ 2.00GHz	43,056	50	23.59	\$1,825.00
AMD EPYC 7601	42,244	51	46.94	\$899.94

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<u>Intel Xeon Gold 6354 @ 3.00GHz</u>	41,434	54	15.02	\$2,737.99*
<u>Intel Core i9-12900K</u>	41,325	55	73.80	\$559.99
<u>Apple M1 Ultra 20 Core</u>	41,306	56	NA	NA
<u>AMD Ryzen Threadripper PRO 5945WX</u>	41,282	57	NA	NA
<u>Intel Core i9-12900KF</u>	41,223	58	74.96	\$549.97
<u>AMD EPYC 7402P</u>	41,098	59	41.10	\$999.97
<u>AMD EPYC 7F52</u>	40,951	60	13.21	\$3,100.00*
<u>Intel Xeon Platinum 8275CL @ 3.00GHz</u>	40,794	61	NA	NA
<u>AMD EPYC 7313</u>	40,793	62	34.57	\$1,179.99*
<u>Intel Xeon W-3275M @ 2.50GHz</u>	40,767	63	5.47	\$7,453.00*
<u>AMD EPYC 7K62</u>	40,487	64	NA	NA
<u>AMD EPYC 7352</u>	40,472	65	34.35	\$1,178.22
<u>AMD Ryzen Threadripper PRO 3955WX</u>	40,198	66	22.44	\$1,790.99
<u>Intel Xeon W-3265M @ 2.70GHz</u>	39,618	67	6.24	\$6,353.00*
<u>AMD Ryzen 9 5900X</u>	39,346	68	100.89	\$389.99
<u>Intel Core i9-12950HX</u>	39,136	69	66.33	\$590.00*
<u>AMD Ryzen 9 3950X</u>	39,067	70	54.64	\$715.00
<u>Intel Xeon W-3335 @ 3.40GHz</u>	38,944	71	29.98	\$1,299.00*
<u>Intel Xeon Gold 6248R @ 3.00GHz</u>	38,604	72	14.09	\$2,740.00
<u>ARM Neoverse-N1 80 Core 3000 MHz</u>	37,768	73	NA	NA
<u>Intel Xeon Gold 6346 @ 3.10GHz</u>	37,606	74	16.68	\$2,255.00
<u>Intel Xeon Platinum 8280 @ 2.70GHz</u>	37,575	75	4.13	\$9,095.00
<u>Intel Xeon Gold 6238R @ 2.20GHz</u>	37,511	76	12.79	\$2,932.14
<u>Intel Xeon Silver 4316 @ 2.30GHz</u>	37,264	77	33.00	\$1,129.22
<u>Intel Xeon W-3175X @ 3.10GHz</u>	37,167	78	23.45	\$1,585.00
<u>Intel Core i9-12900</u>	37,007	79	72.71	\$508.99
<u>Intel Core i7-12800HX</u>	36,511	80	79.89	\$457.00*
<u>Intel Core i9-12900F</u>	36,068	81	70.72	\$509.99
<u>Intel Xeon Gold 6242R @ 3.10GHz</u>	35,356	82	12.58	\$2,810.60
<u>Intel Xeon Gold 6326 @ 2.90GHz</u>	35,328	83	23.03	\$1,533.95
<u>Intel Xeon Platinum 8180 @ 2.50GHz</u>	35,208	84	4.43	\$7,949.99
<u>AMD Ryzen 9 5900</u>	34,889	85	NA	NA

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Intel Xeon Platinum 8200M @ 2.30GHz	33,970	88	4.41	\$1,705.00
Intel Xeon D-2799 @ 2.40GHz	33,792	89	17.48	\$1,933.00*
Intel Core i9-12900T	33,728	90	68.97	\$489.00*
AMD Ryzen Threadripper PRO 3945WX	33,377	91	NA	NA
Intel Xeon Gold 5220R @ 2.20GHz	33,370	92	19.69	\$1,695.00
Intel Core i9-10980XE @ 3.00GHz	33,314	93	35.11	\$948.80
AMD EPYC 7302	33,015	94	57.93	\$569.95
AMD Ryzen 9 3900XT	32,963	95	69.70	\$472.95
Intel Xeon Gold 6278C @ 2.60GHz	32,835	96	NA	NA
AMD Ryzen 9 3900X	32,783	97	66.23	\$495.00
Intel Xeon Platinum 8168 @ 2.70GHz	32,616	98	4.18	\$7,809.00
AMD EPYC 7302P	32,480	99	35.20	\$922.66
Intel Xeon Gold 6252 @ 2.10GHz	32,410	100	9.44	\$3,432.00
AMD Ryzen Threadripper 2990WX	32,367	101	15.41	\$2,100.00*
Intel Xeon Gold 6230R @ 2.10GHz	32,223	102	17.32	\$1,860.00
Intel Core i9-9980XE @ 3.00GHz	32,216	103	21.55	\$1,495.00
Intel Core i7-12700F	31,681	104	101.23	\$312.96
Intel Xeon W-2295 @ 3.00GHz	31,595	105	19.80	\$1,595.99
Intel Xeon Platinum 8259CL @ 2.50GHz	31,500	106	NA	NA
AMD Ryzen 9 PRO 3900	31,407	107	NA	NA
Intel Core i7-12700	31,343	108	93.88	\$333.85
Intel Core i7-12850HX	31,111	109	72.69	\$428.00*
AMD EPYC 7371	31,094	110	17.19	\$1,808.99*
AMD EPYC 7282	31,059	111	45.01	\$690.00
Intel Core i9-12900HX	31,048	112	51.23	\$606.00*
Intel Core i9-9960X @ 3.10GHz	30,702	113	20.48	\$1,498.95
AMD Ryzen 9 3900	30,638	114	59.84	\$512.00
Intel Xeon Platinum 8171M @ 2.60GHz	30,632	115	NA	NA
Intel Xeon Gold 6253CL @ 3.10GHz	30,617	116	NA	NA
AMD EPYC Embedded 7292P	30,542	117	NA	NA
AMD Ryzen Threadripper 2970WX	30,470	118	27.70	\$1,099.99
AMD EPYC 7551P	30,313	119	81.93	\$369.99

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Intel Core i9-9990XE @ 4.00GHz	30,162	122	13.94	\$2,163.00*
Intel Xeon W-3265 @ 2.70GHz	30,105	123	6.61	\$4,551.37*
Intel Xeon Platinum 8268 @ 2.90GHz	30,103	124	5.01	\$6,005.98*
Intel Xeon Silver 4314 @ 2.40GHz	30,043	125	37.41	\$803.12
AMD Ryzen Threadripper 2950X	29,703	126	30.31	\$979.99
Intel Core i9-12900H	29,412	127	47.67	\$617.00*
Intel Xeon Gold 6254 @ 3.10GHz	29,356	128	8.20	\$3,581.23
Intel Core i9-12900HK	29,187	129	45.96	\$635.00*
Intel Xeon Gold 6148 @ 2.40GHz	29,147	130	10.32	\$2,823.98
Intel Xeon W-2191B @ 2.30GHz	29,090	131	NA	NA
Intel Xeon Gold 6210U @ 2.50GHz	28,915	132	9.14	\$3,164.00*
Intel Xeon Gold 6154 @ 3.00GHz	28,848	133	9.62	\$2,998.95
Intel Xeon Gold 5317 @ 3.00GHz	28,580	134	24.58	\$1,162.85
Intel Xeon W-3245 @ 3.20GHz	28,531	135	10.63	\$2,683.99*
Intel Core i9-10940X @ 3.30GHz	28,473	136	38.12	\$746.99
Intel Core i9-9940X @ 3.30GHz	28,354	137	30.10	\$942.12
AMD Ryzen 7 5800X	28,173	138	94.54	\$298.00
ARM Neoverse-N1 64 Core 0 MHz	28,079	139	NA	NA
AMD Ryzen Threadripper 1950X	27,962	140	95.02	\$294.28
Intel Xeon W-2275 @ 3.30GHz	27,904	141	25.09	\$1,112.00*
Intel Xeon W-2195 @ 2.30GHz	27,739	142	13.98	\$1,983.82*
Intel Xeon Gold 6238 @ 2.10GHz	27,617	143	10.23	\$2,698.95
Intel Core i5-12600K	27,555	144	102.06	\$269.99
AMD Ryzen 7 5800X3D	27,506	145	61.27	\$448.95
Intel Xeon Gold 6212U @ 2.40GHz	27,470	146	13.73	\$2,000.00*
AMD EPYC 7571	27,445	147	NA	NA
Intel Xeon Gold 5318Y @ 2.10GHz	27,422	148	20.15	\$1,361.00*
Intel Xeon Gold 6226R @ 2.90GHz	27,406	149	20.65	\$1,326.99
Intel Xeon Platinum 8173M @ 2.00GHz	27,377	150	NA	NA
Intel Core i7-12700H	27,209	151	59.54	\$457.00*
Intel Core i5-12600KF	27,018	152	103.92	\$259.99
Intel Xeon Gold 6208U @ 2.90GHz	26,901	153	19.12	\$1,406.99*

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