CPU Benchmarks

CPU Benchmarks

Over 1,000,000 CPUs benchmarked

High End CPUs - Intel vs AMD

This chart comparing high end CPUs is made using thousands of PerformanceTest benchmark results and is updated daily. These are the high end AMD and Intel CPUs are typically those found in newer computers. The chart below compares the performance of Intel Xeon CPUs, Intel Core i7/i9 CPUs, AMD Ryzen/Threadripper CPUs and AMD Epyc with multiple cores. Intel processors vs AMD chips - find out which CPUs performance is best for your new gaming rig or server!

CPU Mark | Price Performance

CPUS

High End
High Mid Range
Low Mid Range
Low End

Best Value (On Market)
Best Value XY Scatter
Best Value (All time)

New Desktop
New Laptop

Single Thread
Systems with Multiple CPUs
Overclocked
Power Performance
CPU Mark by Socket Type
Cross-Platform CPU Performance

CPU Mega List
Search Model

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PassMark - CPU Mark

High End CPUs

Updated 5th of October 2022

CPU	CPU Mark	Price (USD)
AMD Ryzen Threadripper PRO 5995WX	98,125	$8,468.99
AMD EPYC 7773X	90,731	$5,499.99
AMD EPYC 7J13	86,006	NA
AMD EPYC 7763	85,944	$4,749.99
AMD EPYC 7713	85,521	$3,899.99
AMD EPYC 7713P	83,439	NA
AMD Ryzen Threadripper PRO 3995WX	83,153	$6,888.83
AMD Ryzen Threadripper 3990X	81,282	$7,462.95
AMD Ryzen Threadripper PRO 5975WX	78,496	$3,299.00
AMD EPYC 7B13	77,460	NA
AMD EPYC 7643	76,455	$5,424.99*
AMD EPYC 7662	73,143	$3,999.99*
AMD EPYC 7702	71,509	$2,259.23
AMD EPYC 7742	68,749	$4,925.00
AMD EPYC 75F3	68,505	$4,999.00*
AMD Ryzen Threadripper PRO 5965WX	67,610	$2,570.16
AMD EPYC 7543P	66,964	$2,999.00*
AMD EPYC 7R32	64,727	NA
AMD Ryzen 9 7950X	64,371	$699.00
AMD Ryzen Threadripper 3970X	63,543	$1,999.99
AMD Ryzen Threadripper PRO 3975WX	62,878	$3,098.99
Intel Xeon Platinum 8380 @ 2.30GHz	62,318	$8,978.00*
AMD EPYC 7702P	62,278	$2,034.12

AMD EPYC 74F3	60,686	$4,798.95
AMD EPYC 7443P	57,490	$1,683.99*
AMD EPYC 7542	56,728	$1,499.99
AMD EPYC 7543	56,562	$3,761.00*
AMD EPYC 7532	55,358	$1,339.96*
AMD EPYC 7453	55,228	$1,799.00*
AMD Ryzen Threadripper 3960X	54,806	$1,355.00
Intel Core i9-13900K	54,433	$589.00*
Intel Xeon Platinum 8358 @ 2.60GHz	54,416	$5,097.75*
Intel Xeon W-3375 @ 2.50GHz	53,266	$4,499.00*
Intel Xeon Gold 6348 @ 2.60GHz	52,276	$2,799.99
Intel Xeon Platinum 8375C @ 2.90GHz	51,836	NA
AMD Ryzen 9 7900X	51,587	$549.00
Intel Xeon Gold 6314U @ 2.30GHz	51,014	$2,782.00*
AMD EPYC 7413	50,223	$1,997.99*
AMD Ryzen Threadripper PRO 5955WX	49,726	$1,407.35
Intel Xeon Platinum 8347C @ 2.10GHz	49,386	NA
AMD EPYC 7502	49,178	$2,096.20
AMD EPYC 7502P	48,995	$1,613.64
Intel Xeon Gold 6342 @ 2.80GHz	48,330	$3,272.00
Intel Xeon W-3345 @ 3.00GHz	48,261	$2,499.00*
AMD EPYC 7402	47,743	$1,741.00
Intel Xeon Gold 6338N @ 2.20GHz	46,583	$4,671.69*
ARM Neoverse-N1 128 Core 3000 MHz	46,271	NA
AMD EPYC 73F3	46,085	$3,997.33
AMD EPYC 7343	45,882	$1,699.99*
AMD Ryzen 9 5950X	45,864	$549.00
Intel Xeon Gold 6336Y @ 2.40GHz	45,517	$2,857.95*
Intel Core i9-12900KS	44,827	$698.66
AMD EPYC 7551P	43,878	$355.99
Intel Xeon Gold 6312U @ 2.40GHz	43,745	$1,809.59*
Intel Xeon Gold 6330 @ 2.00GHz	43,056	$1,649.00
AMD EPYC 7601	42,244	$875.92
AMD EPYC 7313P	41,884	$913.00*
AMD EPYC 7452	41,871	$2,300.00
Intel Core i9-12900KF	41,494	$542.75
Intel Core i9-12900K	41,473	$561.94
Intel Xeon Gold 6354 @ 3.00GHz	41,434	$2,757.99*
AMD EPYC 7402P	41,098	$1,334.98
AMD EPYC 7313	41,060	$1,179.99*
Apple M1 Ultra 20 Core	41,049	NA
AMD EPYC 7F52	41,023	$3,100.00*
Intel Xeon Platinum 8275CL @ 3.00GHz	40,794	NA
AMD Ryzen Threadripper PRO 5945WX	40,784	NA
Intel Xeon W-3275M @ 2.50GHz	40,767	$7,453.00*

AMD EPYC 7K62	40,487	NA

CPU Benchmarks

Intel Xeon W-3265M @ 2.70GHz	39,618	$6,353.00*
AMD Ryzen 9 5900X	39,316	$349.99
AMD Ryzen 9 3950X	39,035	$614.92
Intel Xeon W-3335 @ 3.40GHz	38,944	$1,299.00*
Intel Xeon Gold 6248R @ 3.00GHz	38,604	$2,595.00
ARM Neoverse-N1 80 Core 3000 MHz	37,760	NA
Intel Xeon Gold 6346 @ 3.10GHz	37,606	$1,968.00
Intel Xeon Platinum 8280 @ 2.70GHz	37,575	$9,895.44*
Intel Xeon Gold 6238R @ 2.20GHz	37,511	$2,785.53
Intel Core i9-12900F	37,331	$570.99
Intel Xeon Silver 4316 @ 2.30GHz	37,264	$1,082.00
Intel Xeon W-3175X @ 3.10GHz	37,167	$2,998.98
AMD Ryzen 7 7700X	36,464	$399.00
Intel Core i9-12900	36,289	$508.42
Intel Core i9-12900HX	35,595	$606.00*
Intel Xeon Gold 6242R @ 3.10GHz	35,356	$2,500.87
Intel Xeon Gold 6326 @ 2.90GHz	35,328	$1,575.71*
Intel Xeon Platinum 8180 @ 2.50GHz	35,208	$6,061.06
Intel Core i7-12800HX	34,712	$457.00*
AMD Ryzen 9 5900	34,617	NA
Intel Core i7-12700K	34,606	$409.00*
Intel Core i7-13700	34,431	NA
Intel Core i7-12700KF	34,376	$377.98
AMD Ryzen 9 PRO 5945	34,271	NA
Intel Xeon Platinum 8260M @ 2.30GHz	33,970	$7,705.00*
AMD EPYC 7302	33,863	$569.55
Intel Xeon D-2799 @ 2.40GHz	33,792	$1,933.00*
Intel Xeon Gold 6230R @ 2.10GHz	33,733	$1,767.00
Intel Xeon Gold 5220R @ 2.20GHz	33,370	$1,665.00
AMD Ryzen Threadripper PRO 3945WX	33,302	NA
Intel Xeon Platinum 8259CL @ 2.50GHz	33,279	NA
Intel Core i9-10980XE @ 3.00GHz	33,252	$999.99
AMD Ryzen 9 3900XT	32,950	$718.99
AMD EPYC 7302P	32,871	$588.60
Intel Xeon Gold 6278C @ 2.60GHz	32,835	NA
AMD Ryzen 9 3900X	32,764	$345.00
Intel Xeon Platinum 8168 @ 2.70GHz	32,616	$6,097.00
AMD Ryzen Threadripper 2990WX	32,370	$2,990.00
Intel Core i9-9980XE @ 3.00GHz	32,214	$1,455.00
Intel Core i9-12900T	32,210	$489.00*
Intel Xeon W-3245M @ 3.20GHz	32,161	$5,002.00*
Intel Core i9-12950HX	31,816	$590.00*
Intel Xeon W-2295 @ 3.00GHz	31,594	$1,639.66
Intel Core i7-12700F	31,492	$312.96

AMD Ryzen 9 PRO 3900	31,407	NA
Intel Core i7-12700	31,285	$342.98

CPU Benchmarks

Intel Core i9-9960X @ 3.10GHz	30,778	$1,299.00
Intel Core i5-13500	30,650	NA
Intel Xeon Platinum 8171M @ 2.60GHz	30,632	NA
AMD Ryzen 9 3900	30,631	$501.00
AMD EPYC Embedded 7292P	30,542	NA
AMD EPYC 7282	30,354	$465.32
AMD Ryzen Threadripper 2970WX	30,304	$1,079.99
Intel Xeon Gold 6246R @ 3.40GHz	30,220	$3,369.00
Intel Core i9-7980XE @ 2.60GHz	30,183	$899.10
Intel Core i9-9990XE @ 4.00GHz	30,162	$2,163.00*
Intel Xeon W-3265 @ 2.70GHz	30,105	$4,551.37*
Intel Xeon Platinum 8268 @ 2.90GHz	30,103	$6,005.98*
Intel Xeon Silver 4314 @ 2.40GHz	30,043	$760.30
AMD Ryzen Threadripper 2950X	29,592	$799.95
Intel Core i9-12900HK	29,389	$635.00*
Intel Xeon Gold 6254 @ 3.10GHz	29,356	$3,502.00*
Intel Xeon Gold 6148 @ 2.40GHz	29,147	$2,789.98
Intel Xeon W-2191B @ 2.30GHz	29,146	NA
Intel Core i9-12900H	29,021	$617.00*
Intel Xeon Gold 6210U @ 2.50GHz	28,915	$1,422.52
Intel Xeon Gold 6154 @ 3.00GHz	28,848	$2,882.00
AMD Ryzen 5 7600X	28,615	$299.00
Intel Xeon Gold 5317 @ 3.00GHz	28,580	$1,022.00
Intel Xeon Gold 6253CL @ 3.10GHz	28,549	NA
Intel Xeon W-3245 @ 3.20GHz	28,531	$2,683.99*
Intel Core i9-9940X @ 3.30GHz	28,385	$1,020.00
Intel Core i9-10940X @ 3.30GHz	28,364	$683.99
AMD EPYC 7401P	28,282	$249.97
Intel Core i7-12700E	28,217	$344.00*
AMD Ryzen 7 5800X	28,139	$269.00
Intel Xeon W-2195 @ 2.30GHz	28,086	$1,983.82*
ARM Neoverse-N1 64 Core 0 MHz	28,079	NA
AMD Ryzen Threadripper 1950X	27,953	$328.90
Intel Xeon W-2275 @ 3.30GHz	27,918	$1,112.00*
Intel Core i5-12600K	27,684	$277.99
Intel Xeon Gold 6238 @ 2.10GHz	27,617	$2,598.99
AMD Ryzen 7 5800X3D	27,574	$419.99
Intel Xeon Gold 6212U @ 2.40GHz	27,470	$2,000.00*
AMD EPYC 7571	27,445	NA
Intel Xeon Gold 5318Y @ 2.10GHz	27,422	$1,361.00*
Intel Xeon Gold 6226R @ 2.90GHz	27,406	$1,202.00
Intel Xeon Platinum 8173M @ 2.00GHz	27,377	NA
Intel Core i5-12600KF	27,250	$289.99
Intel Xeon Gold 6252 @ 2.10GHz	27,148	$3,350.00
Intel Core i9-7960X @ 2.80GHz	27,068	$311.31

Intel Xeon Gold 6208U @ 2.90GHz	26,901	$1,410.04
Intel Core i7-12700H	26,879	$457.00*

CPU Benchmarks

Intel Xeon Platinum 8176M @ 2.50GHz	26,659	NA
Intel Xeon Gold 6230 @ 2.10GHz	26,657	$1,900.00
AMD Ryzen 7 5700X	26,633	$219.54
Intel Core i9-10920X @ 3.50GHz	26,559	$678.98
Intel Xeon Platinum 8160 @ 2.10GHz	26,485	$2,348.70
AMD Ryzen Threadripper 2990X	26,469	NA
AMD EPYC 7272	26,446	$632.00
Intel Core i9-7940X @ 3.10GHz	26,418	$548.33
Intel Core i5-13400	26,355	NA
Intel Xeon Gold 6242 @ 2.80GHz	26,288	$2,799.17
Intel Xeon W-3235 @ 3.30GHz	26,076	$1,998.95*
Intel Xeon W-2265 @ 3.50GHz	26,005	$1,082.13*
AMD Ryzen 7 5800	25,894	NA
Intel Xeon W-3323 @ 3.50GHz	25,875	$949.00*
Intel Xeon Gold 5220 @ 2.20GHz	25,740	$1,667.99
Intel Xeon E5-2698R v4 @ 2.20GHz	25,605	NA
Intel Xeon W-1390P @ 3.50GHz	25,558	NA
Intel Core i9-11900K @ 3.50GHz	25,549	$328.00
AMD EPYC 7351P	25,484	$599.00
Intel Xeon E5-2696 v4 @ 2.20GHz	25,443	$2,790.00
Intel Core i9-11900KF @ 3.50GHz	25,423	$301.99
Intel Xeon Platinum 8167M @ 2.00GHz	25,396	NA
Intel Core i9-9920X @ 3.50GHz	25,333	$649.00
Intel Xeon Gold 5218R @ 2.10GHz	25,190	$1,200.80
AMD Ryzen Threadripper 2920X	25,190	$1,024.00
Intel Xeon E5-2699 v4 @ 2.20GHz	25,070	$5,957.96*
Intel Xeon W-1370P @ 3.60GHz	24,975	$452.99
AMD EPYC 7501	24,925	$3,616.00*
AMD Ryzen 7 PRO 5750G	24,861	NA
AMD Ryzen 9 6900HX	24,830	NA
Intel Xeon Gold 6138T @ 2.00GHz	24,800	$3,188.73
Intel Xeon Gold 6143 @ 2.80GHz	24,786	NA
AMD Ryzen 7 5700	24,766	NA
Intel Xeon Platinum 8124M @ 3.00GHz	24,727	NA
Intel Core i7-12650H	24,675	$457.00*
Intel Core i7-11700K @ 3.60GHz	24,663	$278.99
AMD Ryzen 7 5700G	24,570	$234.20
Intel Xeon Gold 6150 @ 2.70GHz	24,489	$2,115.25
Intel Xeon Gold 6246 @ 3.30GHz	24,446	$3,113.22*
Intel Xeon Gold 6248 @ 2.50GHz	24,234	$2,300.25
Intel Core i7-12800H	24,144	$457.00*
Intel Core i7-11700KF @ 3.60GHz	24,095	$255.99
Intel Xeon W-2170B @ 2.50GHz	24,059	NA
AMD Ryzen 9 6900HS	24,042	NA
Intel Xeon W-1370 @ 2.90GHz	23,908	$382.99

Intel Xeon W-1390 @ 2.80GHz	23,902	$582.99
AMD Ryzen 9 PRO 6950HS	23,843	NA

CPU Benchmarks

Intel Xeon E-2388G @ 3.20GHz	23,785	$539.00*
AMD Ryzen 7 3800XT	23,766	$350.00
Intel Xeon E5-2696 v3 @ 2.30GHz	23,734	$2,498.00*
AMD Ryzen 7 6800H	23,717	NA
Intel Xeon W-11865MRE @ 2.60GHz	23,702	$480.00*
AMD Ryzen 7 6800HS Creator Edition	23,635	NA
Intel Xeon Silver 4310 @ 2.10GHz	23,589	$570.17
Intel Core i9-7920X @ 2.90GHz	23,579	$375.00
Intel Core i9-10900K @ 3.70GHz	23,573	$349.00
AMD EPYC 7351	23,566	$899.00
AMD Ryzen 7 PRO 6850H	23,543	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	23,512	$2,702.00*
Intel Core i5-12600HX	23,493	$284.00*
Intel Core i9-11980HK @ 2.60GHz	23,452	$583.00*
Intel Xeon Gold 6146 @ 3.20GHz	23,432	$2,684.00
Intel Core i9-10900KF @ 3.70GHz	23,316	$308.99
AMD Ryzen 7 3800X	23,312	$257.99
Intel Xeon W-11955M @ 2.60GHz	23,212	$623.00*
Intel Core i7-12700T	23,210	$339.00*
Intel Xeon Platinum 8176 @ 2.10GHz	23,179	$2,793.70*
Intel Xeon W-2175 @ 2.50GHz	23,161	$429.00
Intel Xeon Gold 6152 @ 2.10GHz	23,124	$2,213.02
AMD Ryzen 9 5980HX	23,117	NA
AMD Ryzen 7 PRO 3700	23,045	$329.99*
AMD EPYC 7F32	23,026	$2,465.51*
Intel Core i9-11900 @ 2.50GHz	22,996	$349.99
AMD Ryzen 9 5900HX	22,990	NA
Intel Core i9-11900F @ 2.50GHz	22,988	$439.99
Intel Xeon W-1290P @ 3.70GHz	22,902	$649.40*
Intel Core i9-10850K @ 3.60GHz	22,897	$349.98
AMD Ryzen Threadripper 1920X	22,773	$325.00
Intel Xeon E-2378G @ 2.80GHz	22,755	$530.00*
AMD Ryzen 7 6800HS	22,734	NA
Intel Xeon Gold 6140 @ 2.30GHz	22,733	$999.00
AMD Ryzen 7 3700X	22,708	$260.00
Intel Core i9-11900KB @ 3.30GHz	22,695	$539.00*
Intel Xeon Platinum P-8124 @ 3.00GHz	22,674	NA
Intel Core i9-10900X @ 3.70GHz	22,655	$550.00
Intel Core i5-12600H	22,624	$311.00*
Intel Core i7-11700B @ 3.20GHz	22,600	NA
AMD Ryzen 7 5700GE	22,484	NA
Intel Xeon W-2255 @ 3.70GHz	22,333	$778.00*
Intel Core i9-11950H @ 2.60GHz	22,318	$556.00*
Intel Xeon Gold 6136 @ 3.00GHz	22,266	$2,296.99
AMD Ryzen 9 6900HS Creator Edition	22,265	NA

AMD Ryzen 7 PRO 5750GE	22,258	NA
Apple M1 Max 10 Core 3200 MHz	22,247	NA

CPU Benchmarks

Intel Xeon Gold 5218 @ 2.30GHz	22,117	$1,080.00
AMD Ryzen Threadripper 1920	22,066	NA
Intel Xeon W-1290E @ 3.50GHz	22,066	$500.00*
Apple M1 Pro 10 Core 3200 MHz	22,035	NA
AMD Ryzen 7 PRO 6860Z	22,026	NA
AMD EPYC 7551	22,005	$588.00
Intel Xeon E5-2698 v4 @ 2.20GHz	21,996	$908.70*
AMD EPYC 7281	21,981	$999.99*
AMD Ryzen 5 5600X	21,971	$191.34
Intel Core i9-9900X @ 3.50GHz	21,874	$685.00
Intel Xeon Gold 6132 @ 2.60GHz	21,808	$2,032.00
Intel Xeon Gold 6130T @ 2.10GHz	21,804	$4,999.00
AMD Ryzen 5 PRO 5645	21,762	NA
Intel Core i9-10910 @ 3.60GHz	21,753	NA
Intel Core i5-12500H	21,732	$311.00*
Intel Xeon E5-2697A v4 @ 2.60GHz	21,665	NA
AMD Ryzen 5 5600	21,500	$159.00
AMD Ryzen 9 5980HS	21,491	NA
AMD Ryzen 7 5800H	21,352	NA
Intel Xeon W-2155 @ 3.30GHz	21,260	$1,530.39*
Intel Core i9-7900X @ 3.30GHz	21,259	$678.12
Intel Core i5-12490F	21,241	$216.19
Intel Core i7-11700F @ 2.50GHz	21,189	$288.99
Intel Core i5-12600	21,182	$229.98
Intel Core i7-11850H @ 2.50GHz	21,137	$395.00*
Intel Core i7-11800H @ 2.30GHz	21,135	$395.00*
Intel Xeon E5-2697 v4 @ 2.30GHz	21,125	$489.45
Intel Core i9-11900H @ 2.50GHz	21,063	$546.00*
AMD Ryzen 7 6800U	21,036	NA
Intel Xeon Silver 4310T @ 2.30GHz	20,973	$783.99*
AMD Ryzen 7 PRO 6850U	20,961	NA
AMD Ryzen 9 5900H	20,960	NA
AMD Ryzen 7 5800HS Creator Edition	20,948	NA
Intel Xeon Gold 6250 @ 3.90GHz	20,915	$3,796.44
AMD Ryzen 7 PRO 4700G	20,848	NA
Intel Xeon E5-2697R v4 @ 2.30GHz	20,843	NA
AMD EPYC 7262	20,827	$573.58*
Intel Xeon Gold 5315Y @ 3.20GHz	20,724	$1,305.00*
Intel Xeon Gold 6130 @ 2.10GHz	20,721	$1,604.00
Intel Core i7-12700TE	20,712	$344.00*
Intel Xeon Gold 6138 @ 2.00GHz	20,666	$1,460.01
AMD Ryzen 7 5800HS	20,661	NA
Intel Core i9-10900E @ 2.80GHz	20,658	$444.00*
Intel Core i9-10900F @ 2.80GHz	20,621	$358.99
AMD Ryzen 7 PRO 4750G	20,569	$239.99

AMD EPYC 7451	20,471	$1,399.00

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Intel Xeon E5-2699 v3 @ 2.30GHz	20,367	$539.95
Intel Core i7-7900X @ 3.30GHz	20,324	NA
Intel Core i5-12500	20,306	$202.00*
Intel Core i9-10900 @ 2.80GHz	20,293	$399.99
Intel Xeon W-1290 @ 3.20GHz	20,270	$588.67*
AMD Ryzen 7 4700GE	20,218	NA
AMD Ryzen 7 4700G	20,207	$238.16
Intel Xeon E-2386G @ 3.50GHz	20,194	$482.00*
AMD Ryzen 5 PRO 5650G	20,159	NA
AMD Ryzen 5 PRO 6650H	20,103	NA
Intel Core i7-11700 @ 2.50GHz	20,085	$313.97
Intel Xeon E5-2699C v4 @ 2.20GHz	20,079	NA
Intel Xeon Silver 4216 @ 2.10GHz	20,069	$955.00
Intel Xeon E5-2690 v4 @ 2.60GHz	20,067	$481.45
AMD Ryzen 7 PRO 6850HS	20,062	NA
Intel Xeon W-1350P @ 4.00GHz	20,032	$377.49
Intel Core i7-1280P	19,914	$482.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	19,868	$1,950.00*
AMD Ryzen 5 5600G	19,837	$151.99
Intel Xeon D-1747NTE @ 2.50GHz	19,822	$1,201.00*
Intel Xeon Gold 6226 @ 2.70GHz	19,810	$1,641.90*
Intel Core i5-12400F	19,791	$174.99
Intel Core i5-11600K @ 3.90GHz	19,737	$179.99
Intel Core i5-11600KF @ 3.90GHz	19,694	$209.00
Intel Xeon E5-2682 v4 @ 2.50GHz	19,564	NA
Intel Core i9-9900KS @ 4.00GHz	19,557	$1,308.99
AMD EPYC 7252	19,550	$419.91
Intel Xeon W-2245 @ 3.90GHz	19,503	$766.15*
Intel Core i5-12400	19,496	$192.00*
Intel Xeon E5-2695 v4 @ 2.10GHz	19,484	$592.10
AMD Ryzen 5 5500	19,478	$122.96
Intel Core i9-9820X @ 3.30GHz	19,371	$620.00
Intel Xeon Gold 6137 @ 3.90GHz	19,365	NA
AMD Ryzen 9 4900HS	19,335	NA
Intel Xeon E-2356G @ 3.20GHz	19,280	$333.00*
Intel Xeon E5-2697 v3 @ 2.60GHz	19,276	$197.45
Intel Xeon W-1270P @ 3.80GHz	19,245	$465.99*
Intel Xeon Gold 6126 @ 2.60GHz	19,223	$592.69
AMD Ryzen 9 4900H	19,220	NA
Intel Core i7-10700K @ 3.80GHz	19,186	$259.99
AMD Ryzen 5 6600H	19,148	NA
Intel Xeon W-1350 @ 3.30GHz	19,120	$276.99
Intel Core i7-10700KF @ 3.80GHz	19,033	$249.99
Intel Xeon Silver 4309Y @ 2.80GHz	19,011	$677.38
Intel Xeon E5-2676 v4 @ 2.40GHz	18,978	NA
AMD Ryzen 5 6600HS Creator Edition	18,975	NA

AMD Ryzen 7 4800H	18,951	NA
AMD Ryzen 5 5600GE	18,879	NA

CPU Benchmarks

ARM Neoverse N1 80 Core 2800 MHz	18,823	NA
AMD Ryzen 7 4800HS	18,818	NA
AMD Ryzen 7 5800U	18,811	NA
AMD Ryzen 5 3600XT	18,731	$329.99
AMD Ryzen 5 PRO 5650GE	18,657	NA
Intel Xeon Gold 6144 @ 3.50GHz	18,656	$1,406.00
Intel Xeon W-1270E @ 3.40GHz	18,635	$367.00*
Intel Core i9-9900K @ 3.60GHz	18,634	$537.11
Intel Core i9-9900KF @ 3.60GHz	18,595	$369.99
Intel Xeon E5-2698 v3 @ 2.30GHz	18,489	$729.95*
Intel Xeon W-11855M @ 3.20GHz	18,476	$450.00*
AMD Ryzen 7 PRO 4750GE	18,470	NA
Intel Core i9-11900T @ 1.50GHz	18,444	$439.00*
Intel Xeon W-1290T @ 1.90GHz	18,409	$494.00*
Intel Xeon D-2183IT @ 2.20GHz	18,385	$1,764.00*
Intel Core i5-12450H	18,362	$311.00*
Intel Core i7-1270P	18,355	NA
AMD Ryzen 7 5825U	18,331	NA
AMD Ryzen 5 3600X	18,297	$245.00
Intel Xeon E7-8880 v3 @ 2.30GHz	18,244	$133.00*
Intel Core i5-11600 @ 2.80GHz	18,241	$236.00
AMD Ryzen 7 Extreme Edition	18,192	NA
Intel Xeon W-2145 @ 3.70GHz	18,158	$1,224.67*
Intel Xeon E5-2686 v3 @ 2.00GHz	18,148	NA
Intel Xeon Silver 4214R @ 2.40GHz	18,130	$719.75
Intel Xeon Gold 5120T @ 2.20GHz	18,127	$1,727.00*
AMD 4700S	18,098	NA
Intel Core i7-9800X @ 3.80GHz	18,096	$277.35
Intel Xeon D-2187NT @ 2.00GHz	18,070	$1,989.00*
Intel Core i9-10900TE @ 1.80GHz	17,888	$444.00*
Intel Xeon E5-2680 v4 @ 2.40GHz	17,821	$308.19
AMD Ryzen 5 3600	17,815	$129.98
AMD Ryzen 5 PRO 3600	17,813	NA
AMD Ryzen 5 6600U	17,804	NA
Intel Core i5-11500B @ 3.30GHz	17,801	NA
Intel Xeon E-2378 @ 2.60GHz	17,789	$386.00*
Intel Xeon W-1270 @ 3.40GHz	17,707	$362.00*
Intel Xeon Gold 5120 @ 2.20GHz	17,686	$1,561.00*
Intel Core i5-11500 @ 2.70GHz	17,616	$200.99
AMD Ryzen 7 2700X	17,606	$189.00
Intel Core i5-12500T	17,571	$202.00*
Intel Xeon W-2140B @ 3.20GHz	17,546	NA
AMD Ryzen 7 4980U Microsoft Surface Edition	17,532	NA
Intel Xeon E5-2687W v4 @ 3.00GHz	17,501	$975.10
Intel Xeon W-3223 @ 3.50GHz	17,476	$820.55*
Intel Xeon E5-4669 v3 @ 2.10GHz	17,430	$5,400.00*

Intel Xeon E-2288G @ 3.70GHz	17,401	$539.00*
AMD Ryzen 7 PRO 5850U	17,397	NA

CPU Benchmarks

Apple M1 Pro 8 Core 3200 MHz	17,289	NA
Intel Core i7-7820X @ 3.60GHz	17,234	$255.28
Intel Core i7-6950X @ 3.00GHz	17,229	$269.98
AMD Ryzen 7 PRO 2700X	17,221	NA
Intel Core i5-11400F @ 2.60GHz	17,201	$149.99
Intel Core i5-1240P	17,174	NA
AMD Ryzen 5 5600H	17,107	NA
Intel Core i7-1260P	17,082	NA
Intel Xeon E5-2683 v4 @ 2.10GHz	17,074	$394.45
Intel Core i5-11400 @ 2.60GHz	17,071	$144.83
AMD Ryzen 5 PRO 6650U	17,057	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	17,040	NA
AMD EPYC 7232P	17,017	$382.46
Intel Xeon E-2336 @ 2.90GHz	17,014	$359.99
Intel Core i7-10700F @ 2.90GHz	17,006	$244.59
AMD Ryzen 7 4800U	17,004	NA
AMD Ryzen Threadripper 1900X	16,999	$239.99
Intel Xeon W-11865MLE @ 1.50GHz	16,965	$467.00*
Intel Xeon E-2278G @ 3.40GHz	16,884	$494.00*
Intel Core i5-12500TE	16,865	$205.00*
Intel Xeon E5-2680R v4 @ 2.40GHz	16,865	NA
Intel Core i9-9900 @ 3.10GHz	16,821	$715.51
Intel Core i7-10700 @ 2.90GHz	16,807	$274.99
Intel Xeon E5-2686 v4 @ 2.30GHz	16,745	NA
Intel Core i5-12600T	16,532	NA
Intel Xeon Gold 6134 @ 3.20GHz	16,518	$1,349.00
Intel Xeon E5-2690 v3 @ 2.60GHz	16,501	$217.19
AMD Ryzen Embedded V2718	16,500	NA
Intel Xeon E5-2695 v3 @ 2.30GHz	16,455	$220.19
AMD Ryzen 7 1800X	16,450	$168.94
Intel Core i7-10700E @ 2.90GHz	16,418	$330.00*
Intel Core i5-12400T	16,405	$169.99
AMD Ryzen 7 PRO 5875U	16,367	NA
AMD Ryzen 5 PRO 4400G	16,354	NA
Intel Core i7-10700TE @ 2.00GHz	16,332	$330.00*
AMD Ryzen 5 PRO 4650G	16,321	$219.96
AMD Ryzen Embedded V2748	16,241	NA
Intel Xeon Gold 5118 @ 2.30GHz	16,237	$499.00
Intel Xeon D-2733NT @ 2.10GHz	16,208	$800.00*
Intel Core i5-11500H @ 2.90GHz	16,133	$250.00*
Intel Xeon E5-2669 v3 @ 2.30GHz	16,107	NA
Intel Xeon E5-2660 v4 @ 2.00GHz	16,085	$249.20
Intel Core i9-10980HK @ 2.40GHz	16,047	$583.00*
Intel Xeon W-10885M @ 2.40GHz	16,029	$623.00*
Intel Core i5-11400H @ 2.70GHz	15,997	$250.00*
AMD Ryzen 7 4850U Mobile	15,920	NA
AMD Ryzen 5 4500	15,908	$109.00

AMD Ryzen 5 4500	15,908	$109.00
Intel Core i7-11600H @ 2.90GHz	15,907	$395.00*

CPU Benchmarks

AMD Ryzen 7 2700	15,785	$124.90
Intel Xeon Silver 4214 @ 2.20GHz	15,772	$675.50
Intel Core i5-11260H @ 2.60GHz	15,713	$250.00*
AMD Ryzen 7 1700X	15,685	$114.00
Intel Core i3-1220P	15,659	$281.00*
AMD Ryzen 5 4600GE	15,641	NA
Intel Core i7-11700T @ 1.40GHz	15,621	$323.00*
AMD Ryzen 7 PRO 1700X	15,613	NA
AMD Ryzen 5 4600G	15,596	$146.44
AMD Ryzen 5 PRO 4650GE	15,591	NA
Intel Core i9-10885H @ 2.40GHz	15,573	$556.00*
Apple M2 8 Core 3500 MHz	15,547	NA
Intel Xeon E5-2680 v3 @ 2.50GHz	15,525	$79.00
Intel Xeon Gold 5217 @ 3.00GHz	15,429	$1,645.00*
Intel Xeon Gold 5215 @ 2.50GHz	15,420	$1,295.20
AMD Ryzen 5 5560U	15,408	NA
Intel Xeon E5-4667 v3 @ 2.00GHz	15,397	$5,729.00*
AMD Ryzen 7 PRO 4750U	15,360	NA
Intel Core i7-10875H @ 2.30GHz	15,340	$450.00*
AMD Ryzen 5 5600U	15,317	NA
Intel Xeon E-2278GE @ 3.30GHz	15,252	$494.00*
Intel Xeon Silver 4214Y @ 2.20GHz	15,248	$768.00*
Intel Xeon E-2286M @ 2.40GHz	15,220	$1,373.18*
Intel Core i9-10900T @ 1.90GHz	15,209	$349.99
AMD Ryzen 7 PRO 2700	15,203	NA
Intel Xeon Silver 4116T @ 2.10GHz	15,187	$1,112.00*
Intel Xeon Silver 4210R @ 2.40GHz	15,155	$574.70
AMD Ryzen 5 PRO 5650U	15,128	NA
Intel Xeon D-2166NT @ 2.00GHz	15,105	$1,005.00*
Intel Xeon Silver 4215R @ 3.20GHz	15,056	$820.00
Intel Xeon E5-2683 v3 @ 2.00GHz	15,050	$449.95
Intel Core i3-12300	15,023	$143.00*
AMD EPYC 7301	14,991	$1,499.98*
AMD EPYC 7251	14,935	$510.00
Intel Xeon Silver 4116 @ 2.10GHz	14,931	$389.99
Intel Xeon E5-2699A v4 @ 2.40GHz	14,917	$4,938.00*
Intel Xeon E5-2666 v3 @ 2.90GHz	14,899	NA
Intel Xeon E5-2658A v3 @ 2.20GHz	14,879	$1,832.00*
Intel Core i7-10870H @ 2.20GHz	14,853	$417.00*
Intel Xeon D-1733NT @ 2.00GHz	14,849	$720.00*
AMD Ryzen 7 1700	14,844	$101.66
Intel Xeon E5-1681 v3 @ 2.90GHz	14,820	NA
AMD Ryzen 5 PRO 4400GE	14,795	NA
Intel Xeon E5-2687W v3 @ 3.10GHz	14,784	$79.99

AMD Ryzen 5 4600HS	14,741	NA
Intel Core i9-10880H @ 2.30GHz	14,735	NA

CPU Benchmarks

AMD Ryzen 5 4600H	14,679	NA
AMD Ryzen 7 2700E	14,657	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	14,638	$106.19*
AMD Ryzen 7 PRO 1700	14,568	NA
Intel Core i7-9700K @ 3.60GHz	14,555	$301.86
Intel Core i9-9980HK @ 2.40GHz	14,554	$583.00*
Intel Xeon E5-2676 v3 @ 2.40GHz	14,537	NA
Intel Core i5-10600KF @ 4.10GHz	14,518	$199.99
Intel Core i7-8086K @ 4.00GHz	14,512	$673.99
Intel Core i5-10600K @ 4.10GHz	14,509	$229.99
AMD Ryzen 5 5625U	14,507	NA
Intel Xeon W-1250P @ 4.10GHz	14,476	$321.50*
Apple M1 8 Core 3200 MHz	14,452	NA
Intel Xeon Silver 4215 @ 2.50GHz	14,439	$681.11
Intel Core i7-9700KF @ 3.60GHz	14,435	$256.33
Intel Xeon E5-2658 v4 @ 2.30GHz	14,434	NA
Intel Xeon Silver 4123 @ 3.00GHz	14,405	NA
Intel Core i3-12100F	14,376	$106.99
Intel Core i7-6900K @ 3.20GHz	14,360	$169.79
Intel Xeon E5-2696 v2 @ 2.50GHz	14,360	NA
Intel Core i3-12100	14,344	$122.00*
Intel Xeon E-2236 @ 3.40GHz	14,316	$419.95*
Intel Xeon W-2235 @ 3.80GHz	14,305	$658.49
Intel Xeon Gold 6128 @ 3.40GHz	14,273	$1,031.00
Intel Xeon E5-4660 v3 @ 2.10GHz	14,256	$4,800.00*
Intel Xeon E5-2697 v2 @ 2.70GHz	14,169	$159.10
Intel Xeon Silver 4210 @ 2.20GHz	14,164	$492.11
Intel Xeon E5-1680 v4 @ 3.40GHz	14,146	$1,498.95*
Intel Xeon W-2135 @ 3.70GHz	14,133	$1,007.70*
Intel Xeon E-2374G @ 3.70GHz	14,086	$399.99
Intel Core i9-9900T @ 2.10GHz	14,060	$439.00*
AMD Ryzen 5 PRO 5675U	14,059	NA
Intel Xeon E-2246G @ 3.60GHz	14,050	$311.00*
AMD Ryzen 5 2600X	14,029	$179.99
Intel Xeon E5-2673 v3 @ 2.40GHz	14,027	$700.00*
Intel Xeon Gold 5115 @ 2.40GHz	14,007	$1,204.44
Intel Core i9-9880H @ 2.30GHz	13,965	$556.00*
AMD EPYC 3251	13,965	$315.00*
AMD Ryzen 3 PRO 5350G	13,962	NA
Intel Xeon E-2186G @ 3.80GHz	13,940	$542.78*
Intel Xeon E5-2667 v4 @ 3.20GHz	13,934	$728.95
Intel Xeon E5-2670 v3 @ 2.30GHz	13,920	$115.00
Intel Xeon W-1250E @ 3.50GHz	13,888	$260.00*
Intel Xeon E5-2650 v4 @ 2.20GHz	13,839	$184.99
Intel Core i5-10600 @ 3.30GHz	13,827	$228.00
Intel Core i7-8700K @ 3.70GHz	13,793	$330.00
Intel Xeon W-1250 @ 3.30GHz	13,776	$332.39*

AMD Ryzen 3 PRO 5350GE	13,685	NA
Intel Xeon E-2286G @ 4.00GHz	13,682	$615.17

CPU Benchmarks

AMD Ryzen 3 5300GE	13,636	NA
Intel Xeon W-1270TE @ 2.00GHz	13,553	$367.00*
AMD Ryzen 7 4700U	13,542	NA
Intel Xeon E5-2690 v2 @ 3.00GHz	13,526	$153.15
Intel Xeon D-1581 @ 1.80GHz	13,508	NA
Intel Core i5-1235U	13,492	$309.00*
Intel Xeon E5-2658 v3 @ 2.20GHz	13,487	NA
Intel Core i7-1255U	13,455	$426.00*
Intel Xeon E5-2695 v2 @ 2.40GHz	13,453	$178.00
AMD Ryzen 5 4600U	13,445	NA
Intel Core i7-9700F @ 3.00GHz	13,429	$268.86
Intel Xeon E5-1660 v4 @ 3.20GHz	13,408	$1,494.00*
Intel Core i7-9700 @ 3.00GHz	13,373	$285.70
Intel Xeon E-2276G @ 3.80GHz	13,371	$460.29*
Intel Xeon E-2146G @ 3.50GHz	13,356	$356.99
Intel Core i5-11400T @ 1.30GHz	13,330	$182.00*
Intel Xeon E-2136 @ 3.30GHz	13,274	$318.99
Intel Xeon E5-2660 v3 @ 2.60GHz	13,272	$130.01
AMD Ryzen 5 3500X	13,265	$119.99
AMD Ryzen 5 PRO 2600	13,250	NA
AMD Ryzen 5 2600	13,246	$139.99
AMD Ryzen Embedded V2516	13,225	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	13,214	$589.99*
Intel Xeon E-2334 @ 3.40GHz	13,189	$293.99
Intel Core i5-11500T @ 1.50GHz	13,160	$192.00*
AMD Ryzen 5 5500U	13,150	NA
Intel Core i7-1265U	13,124	$426.00*
Intel Core i7-10700T @ 2.00GHz	13,114	$413.99*
Intel Xeon D-2143IT @ 2.20GHz	13,107	$566.00*
AMD Ryzen 5 1600X	13,085	$87.89
Intel Core i7-1260U	13,024	NA
Intel Core i5-1245U	13,008	NA
Intel Core i7-8700 @ 3.20GHz	13,006	$169.20
AMD Ryzen 3 5300G	13,003	NA
Intel Xeon E5-4627 v4 @ 2.60GHz	12,969	$999.99*
Intel Core i3-12100TE	12,961	$125.00*
Intel Core i5-10500 @ 3.10GHz	12,955	$226.69
Intel Xeon E5-2685 v3 @ 2.60GHz	12,944	NA
Intel Xeon W-10855M @ 2.80GHz	12,925	$450.00*
Intel Core i7-7800X @ 3.50GHz	12,898	$387.00
Intel Xeon Silver 4114 @ 2.20GHz	12,852	$710.00
Intel Core i3-12100T	12,840	$122.00*
AMD Ryzen 5 3500	12,830	NA
AMD Ryzen 5 PRO 4650U	12,818	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	12,816	$902.20*
Intel Core i7-9700E @ 2.60GHz	12,751	$323.00*
AMD Ryzen 3 3300X	12,691	$250.00

Intel Xeon E5-2680 v2 @ 2.80GHz	12,670	$138.00

CPU Benchmarks

Intel Xeon W-2133 @ 3.60GHz	12,531	$617.00*
Intel Xeon E5-2649 v3 @ 2.30GHz	12,399	NA
Intel Core i5-10400F @ 2.90GHz	12,385	$124.99
Intel Xeon E5-1660 v3 @ 3.00GHz	12,383	$404.45
Intel Core i5-10505 @ 3.20GHz	12,380	NA
Intel Xeon E5-2667 v3 @ 3.20GHz	12,378	$403.00
AMD Ryzen 5 1600	12,320	$84.95
Intel Core i5-10400 @ 2.90GHz	12,307	$159.00
Intel Core i7-11375H @ 3.30GHz	12,236	$482.00*
Intel Core i7-10750H @ 2.60GHz	12,234	NA
Intel Xeon E5-2667 v2 @ 3.30GHz	12,210	$289.95
Intel Core i3-1210U	12,130	NA
Intel Xeon E5-2673 v2 @ 3.30GHz	12,128	NA
Intel Xeon E5-2692 v2 @ 2.20GHz	12,119	NA
Intel Core i7-10850H @ 2.70GHz	12,111	$395.00*
Intel Xeon D-2141I @ 2.20GHz	12,083	$555.00*
Intel Xeon E5-2687W v2 @ 3.40GHz	12,081	$432.19
Intel Core i7-8700B @ 3.20GHz	12,078	$303.00*
AMD Ryzen 3 PRO 5475U	12,074	NA
AMD Ryzen 5 PRO 4500U	12,049	NA
Intel Xeon E-2278GEL @ 2.00GHz	12,024	$494.00*
Intel Core i5-1245UE	11,991	$312.00*
Intel Xeon E5-2675 v3 @ 1.80GHz	11,960	NA
Intel Core i7-11370H @ 3.30GHz	11,940	$426.00*
Intel Xeon E-2276M @ 2.80GHz	11,835	$450.00*
Intel Xeon E5-2640 v4 @ 2.40GHz	11,831	$430.19
Intel Xeon E5-2650L v3 @ 1.80GHz	11,806	$1,365.00*
Intel Xeon E5-2650 v3 @ 2.30GHz	11,781	$89.85
Intel Xeon E5-2663 v3 @ 2.80GHz	11,777	NA
Intel Xeon D-2146NT @ 2.30GHz	11,736	$641.00*
Snapdragon 8cx Gen 3 @ 3.0 GHz	11,671	NA
AMD Ryzen 3 3100	11,651	$138.50
Intel Xeon D-1577 @ 1.30GHz	11,645	$1,176.00*
Intel Xeon E5-2630 v4 @ 2.20GHz	11,637	$70.00
Intel Core i5-10500H @ 2.50GHz	11,617	$250.00*
Intel Core i3-1215U	11,603	NA
Intel Core i7-1250U	11,563	$426.00*
Intel Xeon E5-2648L v4 @ 1.80GHz	11,547	$1,662.70*
Intel Xeon E5-4669 v4 @ 2.20GHz	11,523	NA
Intel Xeon E5-2670 v2 @ 2.50GHz	11,470	$79.00
Intel Xeon E5-1650 v4 @ 3.60GHz	11,462	$453.70*
Intel Xeon E5-2650L v4 @ 1.70GHz	11,436	$119.99
Intel Core i7-9850H @ 2.60GHz	11,417	$1,305.76*
Intel Core i3-11100B @ 3.60GHz	11,357	NA
Intel Xeon E5-4657L v2 @ 2.40GHz	11,353	$751.19*

Intel Core i7-6850K @ 3.60GHz	11,350	$260.00
Intel Xeon E5-4627 v3 @ 2.60GHz	11,344	$2,400.00*

CPU Benchmarks

Intel Xeon E-2186M @ 2.90GHz	11,318	$623.00*
AMD Ryzen 3 PRO 4200G	11,315	NA
AMD Ryzen 3 4300GE	11,314	NA
Intel Core i5-10500E @ 3.10GHz	11,268	$195.00*
Intel Core i5-10600T @ 2.40GHz	11,210	$213.00*
Intel Core i7-9750HF @ 2.60GHz	11,159	$395.00*
AMD Ryzen 3 5425U	11,152	NA
Intel Xeon Silver 4208 @ 2.10GHz	11,148	$496.23
Intel Core i7-9750H @ 2.60GHz	11,139	$960.00*
Intel Xeon E5-2643 v4 @ 3.40GHz	11,087	$247.00
AMD Ryzen 3 PRO 5450U	11,082	NA
AMD Ryzen 3 PRO 4350GE	11,082	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	11,079	$1,364.00*
AMD Ryzen 5 4500U	11,054	NA
Intel Core i5-11300H @ 3.10GHz	11,051	$309.00*
Intel Xeon E-2176M @ 2.70GHz	11,040	$450.00*
Intel Xeon E-2226G @ 3.40GHz	11,036	$369.11
Intel Core i7-1195G7 @ 2.90GHz	10,969	$426.00*
AMD Ryzen 3 PRO 4200GE	10,930	NA
AMD Ryzen 3 PRO 4350G	10,914	NA
Intel Xeon E5-2630L v4 @ 1.80GHz	10,864	$98.00
Apple A12X Bionic	10,854	NA
Intel Xeon E5-4650 v3 @ 2.10GHz	10,838	$3,838.00*
AMD Ryzen 3 5400U	10,831	NA
Intel Core i5-9600KF @ 3.70GHz	10,803	$145.00
Intel Core i5-11320H @ 3.20GHz	10,802	$309.00*
Intel Xeon W-2225 @ 4.10GHz	10,784	$542.60*
Intel Core i5-9600K @ 3.70GHz	10,773	$151.96
Intel Core i7-1185G7 @ 3.00GHz	10,766	$426.00*
AMD Ryzen 3 4300G	10,765	NA
Intel Core i7-6800K @ 3.40GHz	10,757	$189.99
Intel Xeon E-2126G @ 3.30GHz	10,747	$321.52*
Intel Core i7-9700TE @ 1.80GHz	10,740	$323.00*
Intel Core i9-8950HK @ 2.90GHz	10,737	$583.00*
Intel Core i7-9700T @ 2.00GHz	10,729	$323.00*
Intel Core i7-11390H @ 3.40GHz	10,641	$426.00*
Intel Xeon E5-2470 v2 @ 2.40GHz	10,591	$215.40
Intel Core i5-1230U	10,583	$309.00*
Intel Xeon E5-2660 v2 @ 2.20GHz	10,562	$78.00
Intel Xeon E5-2630 v3 @ 2.40GHz	10,540	$33.99
Intel Xeon E5-4650 v2 @ 2.40GHz	10,535	$498.95*
Intel Xeon E5-4620 v3 @ 2.00GHz	10,525	$35.02*
Intel Core i7-1165G7 @ 2.80GHz	10,488	$426.00*
Intel Xeon E5-2618L v3 @ 2.30GHz	10,464	$1,029.95*
Intel Core i5-1145G7E @ 2.60GHz	10,454	$312.00*

Intel Xeon D-1567 @ 2.10GHz	10,447	NA
Intel Xeon E5-2643 v3 @ 3.40GHz	10,444	$389.99*

CPU Benchmarks

Intel Xeon E5-1650 v3 @ 3.50GHz	10,389	$138.51
Intel Core i5-9500F @ 3.00GHz	10,386	$189.95
Intel Xeon E5-4640 v3 @ 1.90GHz	10,372	NA
Intel Core i3-10325 @ 3.90GHz	10,362	$190.10*
Intel Core i5-9600 @ 3.10GHz	10,356	$159.49
Intel Xeon Silver 4109T @ 2.00GHz	10,348	$607.22*
Intel Xeon E5-2658 v2 @ 2.40GHz	10,331	$3,604.00*
Intel Core i7-8700T @ 2.40GHz	10,330	$335.00
Intel Core i7-5930K @ 3.50GHz	10,316	$159.62
Intel Xeon E5-1660 v2 @ 3.70GHz	10,309	$498.95*
Intel Core i7-8850H @ 2.60GHz	10,298	$395.00*
Intel Core i5-10500T @ 2.30GHz	10,292	$192.00*
AMD EPYC 3201	10,258	NA
Intel Core i5-8600K @ 3.60GHz	10,258	$168.50
Intel Core i5-1145G7 @ 2.60GHz	10,193	NA
Intel Xeon Silver 4110 @ 2.10GHz	10,191	$510.00
Intel Xeon D-1541 @ 2.10GHz	10,170	NA
AMD Ryzen 3 PRO 4450U	10,056	NA
Intel Core i5-1135G7 @ 2.40GHz	10,049	$309.00*
Intel Xeon D-1540 @ 2.00GHz	10,040	NA
Intel Core i3-10320 @ 3.80GHz	10,027	$139.99
Intel Core i7-8750H @ 2.20GHz	10,024	$395.00*
Intel Core i5-1155G7 @ 2.50GHz	10,018	$309.00*
Intel Core i5-1145GRE @ 2.60GHz	10,003	$362.00*
Intel Xeon E5-2650 v2 @ 2.60GHz	9,995	$72.00
Intel Core i5-10400T @ 2.00GHz	9,991	$182.00*
Intel Core i7-1185G7E @ 2.80GHz	9,980	$431.00*
Intel Xeon W-2125 @ 4.00GHz	9,972	$998.95*
Intel Core i7-4960X @ 3.60GHz	9,968	$1,250.00
Intel Core i3-1125G4 @ 2.00GHz	9,964	NA
Intel Core i5-10500TE @ 2.30GHz	9,960	$195.00*
Intel Xeon E5-2628L v3 @ 2.00GHz	9,949	NA
AMD Ryzen 3 5300U	9,934	NA
Intel Xeon E5-2687W @ 3.10GHz	9,930	$192.00
Intel Core i7-10710U @ 1.10GHz	9,920	$644.99*
Intel Core i7-1068NG7 @ 2.30GHz	9,917	$426.00*
Intel Xeon E-2234 @ 3.60GHz	9,903	$294.99*
Intel Core i7-7740X @ 4.30GHz	9,891	$139.99
Intel Core i5-8600 @ 3.10GHz	9,866	$149.99
Intel Core i5-1140G7 @ 1.10GHz	9,865	NA
Intel Xeon E5-2648L v3 @ 1.80GHz	9,847	$1,549.00*
Intel Core i7-5820K @ 3.30GHz	9,828	$179.77
Intel Xeon E5-2690 @ 2.90GHz	9,812	$69.00
Intel Xeon E5-2689 @ 2.60GHz	9,771	$182.75*
Intel Core i5-9500 @ 3.00GHz	9,737	$170.00
Intel Xeon E-2244G @ 3.80GHz	9,713	$334.73*
Intel Core i3-10305 @ 3.80GHz	9,689	$159.99

Intel Core i3-10305 @ 3.80GHz	9,689	$159.99
Intel Core i7-7700K @ 4.20GHz	9,673	$354.99

CPU Benchmarks

Intel Core i5-8500 @ 3.00GHz	9,586	$159.99
Intel Xeon E-2174G @ 3.80GHz	9,559	$349.99*
Intel Xeon E5-4620 v2 @ 2.60GHz	9,540	$91.00*
Intel Core i5-9400F @ 2.90GHz	9,538	$135.89
Intel Core i5-1038NG7 @ 2.00GHz	9,527	$320.00*
Intel Xeon Gold 5222 @ 3.80GHz	9,510	$1,577.89*
Intel Core i5-9400 @ 2.90GHz	9,480	$228.99
AMD Ryzen 5 2500X	9,438	NA
AMD Ryzen 5 PRO 3350G	9,431	NA
Intel Xeon E5-4655 v3 @ 2.90GHz	9,377	$4,616.00*
Intel Xeon E5-2680 @ 2.70GHz	9,372	$86.25
Intel Core i7-4930K @ 3.40GHz	9,365	$184.86
Intel Core i5-8500B @ 3.00GHz	9,357	$192.00*
AMD Ryzen 5 3350GE	9,343	NA
AMD Ryzen 5 3400G	9,337	$176.98
AMD Ryzen 5 PRO 1500	9,336	NA
Intel Xeon E-2144G @ 3.60GHz	9,322	$301.17*
Intel Xeon E5-4627 v2 @ 3.30GHz	9,320	$498.95*
AMD Ryzen 5 PRO 3400G	9,295	NA
Intel Xeon E5-1650 v2 @ 3.50GHz	9,294	$238.02
Intel Xeon E3-1285 v6 @ 4.10GHz	9,276	$543.84*
Intel Core i7-1160G7 @ 1.20GHz	9,270	$426.00*
Intel Xeon Silver 4108 @ 1.80GHz	9,262	$410.22
Intel Core i5-8400 @ 2.80GHz	9,239	$103.57
Intel Xeon D-1587 @ 1.70GHz	9,223	NA
Intel Xeon E5-2651 v2 @ 1.80GHz	9,216	$278.10*
Intel Core i5-9500TE @ 2.20GHz	9,212	$192.00*
Intel Xeon E3-1275 v6 @ 3.80GHz	9,202	$363.02
Intel Xeon E5-2620 v4 @ 2.10GHz	9,187	$192.09
Intel Xeon E3-1280 v6 @ 3.90GHz	9,179	$524.73
Intel Core i3-10300 @ 3.70GHz	9,153	$169.99
Intel Core i7-1185GRE @ 2.80GHz	9,142	NA
Intel Xeon E5-2629 v3 @ 2.40GHz	9,139	$499.88*
AMD Ryzen 5 3350G	9,113	NA
Intel Core i7-9850HL @ 1.90GHz	9,112	$395.00*
AMD Ryzen 5 1500X	9,111	$77.00
Intel Core i3-10105F @ 3.70GHz	9,109	$78.99
Intel Xeon D-1715TER @ 2.40GHz	9,104	$285.00*
Intel Xeon D-1548 @ 2.00GHz	9,075	$555.00*
Intel Xeon E5-2643 v2 @ 3.50GHz	9,073	$403.96
Intel Xeon E5-4648 v3 @ 1.70GHz	9,061	NA
Intel Core i7-6700K @ 4.00GHz	8,970	$119.40
Intel Xeon E5-2670 @ 2.60GHz	8,958	$61.09
Intel Xeon E5-2630L v3 @ 1.80GHz	8,915	$79.00*
AMD Ryzen 5 3400GE	8,900	NA
Intel Xeon E5-2450 v2 @ 2.50GHz	8,896	$295.95

Intel Core i5-3170K @ 3.20GHz	8,882	NA

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Intel Core i3-10100F @ 3.60GHz	8,849	$73.99
Intel Xeon E3-1270 v6 @ 3.80GHz	8,840	$221.90
Intel Core i3-10105 @ 3.70GHz	8,826	$109.00
Intel Xeon Gold 5122 @ 3.60GHz	8,786	$1,303.98
Intel Core i3-10100 @ 3.60GHz	8,767	$105.00
Intel Core i7-8559U @ 2.70GHz	8,752	$617.00*
Intel Xeon E-2134 @ 3.50GHz	8,741	$278.99
AMD Ryzen 5 2400G	8,729	$134.99
Intel Core i7-8809G @ 3.10GHz	8,713	NA
Intel Xeon W-2223 @ 3.60GHz	8,706	$315.99
Intel Xeon E3-1240 v6 @ 3.70GHz	8,696	$379.00
ARM X-Gene 32 Core 3300 MHz	8,684	NA
Intel Core i7-7700 @ 3.60GHz	8,653	$205.50
Intel Core i5-10300H @ 2.50GHz	8,646	$250.00*
Intel Xeon E5-4650 @ 2.70GHz	8,630	$78.19
Intel Xeon E5-2648L v2 @ 1.90GHz	8,611	$945.00*
Intel Xeon E3-1245 v6 @ 3.70GHz	8,578	$204.62
Intel Core i7-1065G7 @ 1.30GHz	8,548	$426.00*
Apple A14 Bionic	8,528	NA
Intel Core i7-1180G7 @ 1.30GHz	8,514	$426.00*
Intel Xeon E3-1275 v5 @ 3.60GHz	8,511	$224.89
Intel Core i7-3960X @ 3.30GHz	8,496	$149.99
AMD Ryzen Embedded V1807B	8,491	NA
Intel Xeon W-2123 @ 3.60GHz	8,489	$427.11*
Intel Core i5-1035G7 @ 1.20GHz	8,483	$320.00*
Intel Core i7-8569U @ 2.80GHz	8,479	$431.00*
Intel Xeon E5-4650L @ 2.60GHz	8,472	$58.87
Intel Core i5-9600T @ 2.30GHz	8,464	$213.00*
Intel Xeon E5-2628 v3 @ 2.50GHz	8,447	NA
Intel Xeon E5-1660 @ 3.30GHz	8,421	$267.19
Intel Xeon E5-2665 @ 2.40GHz	8,411	$85.00
Intel Xeon E3-1585 v5 @ 3.50GHz	8,408	$556.00*
Intel Core i7-3970X @ 3.50GHz	8,396	$184.77*
Intel Core i7-8706G @ 3.10GHz	8,388	NA
AMD Ryzen 5 PRO 2400G	8,360	NA
Intel Core i5-10200H @ 2.40GHz	8,358	$250.00*
AMD Ryzen Embedded V1756B	8,339	NA
Intel Xeon E3-1280 v5 @ 3.70GHz	8,332	$395.00*
AMD Opteron 6386 SE	8,320	$135.09*
Intel Xeon E3-1270 v5 @ 3.60GHz	8,306	$194.58
Intel Xeon E3-1240 v5 @ 3.50GHz	8,300	$189.76
Intel Core i5-8600T @ 2.30GHz	8,293	$199.99*
Intel Core i5-9400H @ 2.50GHz	8,289	$250.00*
AMD Ryzen 5 PRO 3400GE	8,270	NA
Intel Core i5-9500T @ 2.20GHz	8,263	$192.00*
Intel Xeon E5-2470 @ 2.30GHz	8,262	$59.67
AMD Ryzen 7 3750H	8,261	NA

Intel Core i7-3930K @ 3.20GHz	8,250	$399.10

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Intel Core i7-8557U @ 1.70GHz	8,192	$431.00*
Intel Xeon E3-1535M v6 @ 3.10GHz	8,189	$623.00*
Intel Xeon E-2276ME @ 2.80GHz	8,167	$450.00*
Intel Core i3-10305T @ 3.00GHz	8,136	$143.00*
Intel Xeon E3-1260L v5 @ 2.90GHz	8,121	$258.70*
Intel Core i3-10300T @ 3.00GHz	8,119	$177.72*
MediaTek MT6983	8,112	NA
Intel Core i5-1035G4 @ 1.10GHz	8,110	$309.00*
Intel Xeon E5-2660 @ 2.20GHz	8,104	$49.00
Intel Xeon E-2314 @ 2.80GHz	8,091	$195.00*
Intel Core i7-6700 @ 3.40GHz	8,086	$160.00
Intel Xeon E5-1650 @ 3.20GHz	8,081	$112.00
AMD Athlon Gold PRO 4150GE	8,070	NA
Intel Core i5-8259U @ 2.30GHz	8,067	$519.99*
Intel Xeon E3-1285L v4 @ 3.40GHz	8,059	$1,376.00
Intel Core i7-4790K @ 4.00GHz	8,059	$172.97
Intel Core i5-8269U @ 2.60GHz	8,055	$320.00*
AMD Opteron 6348	8,030	$1,708.64
Intel Xeon E3-1585L v5 @ 3.00GHz	8,021	$445.00*
Intel Core i5-8400H @ 2.50GHz	8,013	$250.00*
Intel Core i7-10810U @ 1.10GHz	7,998	$443.00*
CentaurHauls @2500MHz	7,969	NA
AMD Ryzen 5 3550H	7,956	NA
Intel Xeon E3-1230 v5 @ 3.40GHz	7,950	$165.60
Intel Xeon E3-1515M v5 @ 2.80GHz	7,938	NA
Intel Xeon E3-1245 v5 @ 3.50GHz	7,933	$139.99
Intel Core i7-8705G @ 3.10GHz	7,932	$1,535.11*
Intel Xeon E3-1545M v5 @ 2.90GHz	7,926	NA
Intel Core i7-8709G @ 3.10GHz	7,921	NA
Intel Core i3-10105T @ 3.00GHz	7,904	$122.00*
Intel Core i5-8260U @ 1.60GHz	7,897	$439.99*
Intel Xeon E5-2620 v3 @ 2.40GHz	7,880	$59.00
AMD Ryzen 5 2600H	7,876	NA
Intel Core i5-9400T @ 1.80GHz	7,823	$182.00*
Intel Core i7-5775C @ 3.30GHz	7,803	$174.95
AMD Ryzen 5 1400	7,787	$72.99
Intel Xeon E5-2640 v2 @ 2.00GHz	7,785	$45.01
Intel Core i7-5775R @ 3.30GHz	7,777	NA
Intel Core i5-9300H @ 2.40GHz	7,757	$250.00*
Intel Core i5-8279U @ 2.40GHz	7,732	$320.00*
Intel Xeon E3-1575M v5 @ 3.00GHz	7,728	$1,207.00*
Intel Core i3-9350K @ 4.00GHz	7,722	$293.22*
Intel Xeon E3-1285 v4 @ 3.50GHz	7,712	NA
AMD Athlon Gold PRO 3150G	7,702	NA

Intel Core i5-8500T @ 2.10GHz	7,701	$247.53*
Intel Core i7-5950HQ @ 2.90GHz	7,696	NA

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Intel Xeon E3-1270L v4 @ 3.00GHz	7,662	NA
AMD Ryzen 5 2400GE	7,661	NA
AMD Ryzen 7 2800H	7,656	NA
AMD Ryzen 7 3780U	7,651	NA
Intel Xeon E5-1630 v4 @ 3.70GHz	7,643	NA
Intel Xeon E-2224G @ 3.50GHz	7,621	$268.02*
Intel Core i7-7700T @ 2.90GHz	7,608	$206.98
Intel Core i5-1035G1 @ 1.00GHz	7,593	$297.00*
Qualcomm Technologies, Inc KONA-IOT	7,592	NA
Intel Core i5-9300HF @ 2.40GHz	7,590	$250.00*
AMD Ryzen 3 2300X	7,585	$178.09*
MediaTek MT6895	7,572	NA
AMD Ryzen 5 PRO 2400GE	7,564	NA
AMD Ryzen 3 4300U	7,557	NA
Intel Core i7-7820HK @ 2.90GHz	7,551	$378.00*
Intel Xeon E5-2450 @ 2.10GHz	7,530	$64.00
Intel Core i5-8300H @ 2.30GHz	7,526	$250.00*
Intel Xeon E3-1535M v5 @ 2.90GHz	7,525	$623.00*
Intel Core i7-7920HQ @ 3.10GHz	7,512	$568.00*
Intel Xeon E3-1271 v3 @ 3.60GHz	7,503	$254.99
Intel Xeon E5-2630 v2 @ 2.60GHz	7,499	$49.00
AMD Ryzen 3 PRO 1300	7,498	NA
Intel Xeon E5-2667 @ 2.90GHz	7,498	$79.00
Intel Xeon E5-2650L v2 @ 1.70GHz	7,475	$75.05
Intel Core i5-8400T @ 1.70GHz	7,472	$239.84*
Intel Xeon E-2124G @ 3.40GHz	7,468	$239.99
Intel Xeon D-1531 @ 2.20GHz	7,460	$348.00*
Intel Xeon E3-1281 v3 @ 3.70GHz	7,458	$546.25
Intel Xeon E5-2637 v3 @ 3.50GHz	7,455	$49.99
Intel Core i7-7820EQ @ 3.00GHz	7,453	$378.00*
Intel Xeon E5-1630 v3 @ 3.70GHz	7,447	$1,354.00*
Intel Xeon E5-2608L v4 @ 1.60GHz	7,447	$363.00*
Intel Xeon E5-1620 v4 @ 3.50GHz	7,426	$94.99
Intel Xeon E3-1286 v3 @ 3.70GHz	7,418	$839.00*
Intel Core i3-9350KF @ 4.00GHz	7,394	$110.26
AMD Ryzen 5 3580U	7,383	NA
Intel Core i7-6920HQ @ 2.90GHz	7,382	$568.00*
Intel Xeon @ 2.00GHz	7,363	NA
Intel Core i3-10100T @ 3.00GHz	7,363	$122.00*
Intel Core i3-9320 @ 3.70GHz	7,358	$215.67*
Intel Xeon D-1559 @ 1.50GHz	7,353	NA
Intel Xeon E3-1280 v3 @ 3.60GHz	7,352	$249.00*
Intel Xeon E3-1276 v3 @ 3.60GHz	7,351	$978.00
Intel Xeon E5-2650 @ 2.00GHz	7,328	$49.00
AMD Ryzen 7 PRO 3700U	7,324	NA

AMD Ryzen 7 PRO 2700U	7,321	NA

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Intel Core i7-995X @ 3.60GHz	7,297	NA
Intel Xeon E5-2637 v4 @ 3.50GHz	7,281	$136.50
AMD Opteron 6281	7,279	NA
Intel Core i3-9300 @ 3.70GHz	7,279	$255.00
AMD Ryzen 7 3700U	7,249	NA
Intel Core i7-6700T @ 2.80GHz	7,249	$275.00
Intel Xeon E3-1246 v3 @ 3.50GHz	7,244	$826.00
Intel Core i7-4790 @ 3.60GHz	7,236	$185.45
Intel Xeon E5-4610 v3 @ 1.70GHz	7,229	$1,219.00*
Intel Xeon E-2224 @ 3.40GHz	7,223	$262.01*
Intel Xeon W3690 @ 3.47GHz	7,223	$450.19
Intel Xeon E3-1275 v3 @ 3.50GHz	7,200	$188.42
AMD Ryzen 3 3200G	7,187	$134.99
Intel Xeon E5-2628L v2 @ 1.90GHz	7,181	NA
Intel Xeon D-1537 @ 1.70GHz	7,176	$571.00*
Intel Xeon D-1539 @ 1.60GHz	7,175	$486.00*
Intel Core i7-7820HQ @ 2.90GHz	7,153	$378.00*
Intel Xeon E5-2430 v2 @ 2.50GHz	7,147	$48.91
AMD Ryzen 7 3700C	7,145	NA
Intel Core i7-4940MX @ 3.10GHz	7,137	$699.95*
Intel Core i7-4770K @ 3.50GHz	7,134	$132.58
Intel Core i7-990X @ 3.47GHz	7,123	$212.59
Intel Xeon D-1557 @ 1.50GHz	7,118	$694.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	7,102	$79.99
Intel Xeon X5679 @ 3.20GHz	7,095	NA
AMD Athlon Gold 3150G	7,093	NA
Intel Core i7-6770HQ @ 2.60GHz	7,088	$619.00*
Intel Xeon E3-1505M v6 @ 3.00GHz	7,083	NA
MT6893Z_B/CZA	7,081	NA
AMD Ryzen 3 PRO 3200GE	7,071	NA
AMD Athlon Gold PRO 3150GE	7,068	NA
Intel Xeon E3-1240 v3 @ 3.40GHz	7,067	$62.41*
AMD Ryzen 5 3500U	7,065	NA
Intel Core i7-5850EQ @ 2.70GHz	7,036	$435.00*
Intel Core i7-10610U @ 1.80GHz	7,036	$409.00*
Intel Core i7-4771 @ 3.50GHz	7,031	$139.99
Intel Core i7-4770 @ 3.40GHz	7,031	$99.99

CPU Benchmarks

Software

BurnInTest

PerformanceTest

OSForensics

MemTest86

WirelessMon

Zoom Search Engine

Free Software

Hardware

USB3.0 Loopback Plugs

USB2.0 Loopback Plugs

PCIe Test Cards

USB Power Delivery Tester

Serial and Parallel Loopback Plugs

USB Short Circuit Testers

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