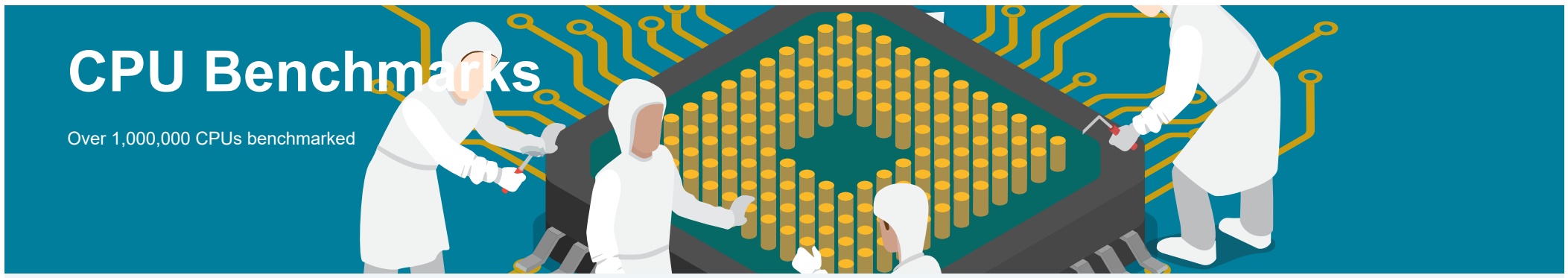

High End CPUs - Intel vs AMD

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!

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
Top Gaming CPUs
CPU Mega List
Search Model
Compare 0
Common

PassMark - CPU Mark

High End CPUs

Updated 26th of February 2023

CPU	CPU Mark	Price (USD)
AMD EPYC 9654	124,119	$7,230.00
AMD Ryzen Threadripper PRO 5995WX	94,515	$6,644.99
AMD EPYC 7773X	90,731	$4,249.00
AMD EPYC 7763	85,944	$3,665.00
AMD EPYC 7J13	85,661	NA
AMD EPYC 7713	85,521	$4,500.00
AMD EPYC 7713P	83,439	$4,550.00
AMD Ryzen Threadripper PRO 3995WX	83,097	$7,000.00
AMD EPYC 7V13	82,878	NA
AMD Ryzen Threadripper 3990X	81,109	$4,313.87
AMD EPYC 9354P	79,341	NA
AMD EPYC 7B13	77,460	NA
AMD EPYC 7643	76,455	$4,550.00*
AMD Ryzen Threadripper PRO 5975WX	76,440	$3,299.00
AMD EPYC 7T83	74,892	NA
AMD EPYC 7662	73,143	$3,999.99*
AMD EPYC 7702	70,628	$2,098.44
AMD EPYC 75F3	68,505	$4,999.00
AMD EPYC 7543P	67,081	$2,350.00*
AMD Ryzen Threadripper PRO 5965WX	66,337	$2,238.99
AMD EPYC 7742	65,629	$2,098.00
AMD EPYC 7R32	64,727	NA
AMD Ryzen Threadripper 3970X	63,477	$3,306.40
AMD Ryzen 9 7950X	63,442	$576.05
AMD Ryzen Threadripper PRO 3975WX	62,862	$3,161.15
Intel Core i9-13900KS	62,525	$729.99

Most Benchmarked

Intel Xeon Platinum 8380 @ 2.30GHz	62,318	$8,978.00*

CPU Benchmarks

Market Share

Year on Year Performance

AMD EPYC 7642	60,115	$1,830.00
Intel Core i9-13900K	60,045	$569.99
AMD EPYC 7513	59,988	$2,840.00*
Intel Core i9-13900KF	59,763	$569.99
Intel Xeon W-3365 @ 2.70GHz	59,038	$3,851.00*
AMD EPYC 7443P	57,613	$1,683.99*
AMD EPYC 7542	56,728	$1,298.34
AMD EPYC 7543	56,562	$3,761.00*
Intel Xeon W-3375 @ 2.50GHz	56,403	$4,499.00*
Intel Core i9-13900F	56,140	$563.82
AMD EPYC 7532	55,483	$2,392.95
AMD Ryzen Threadripper 3960X	54,794	$1,299.97
Intel Xeon Platinum 8358 @ 2.60GHz	54,416	$5,097.75*
Intel Xeon Gold 6348 @ 2.60GHz	52,276	$2,300.00
AMD Ryzen 9 7900X	52,147	$448.00
Intel Xeon Platinum 8375C @ 2.90GHz	51,836	NA
AMD EPYC 7443	51,764	$2,230.99*
Intel Xeon Gold 6314U @ 2.30GHz	51,014	$2,782.00*
Intel Core i9-13900	50,890	$579.99
Intel Core i9-13900HX	50,815	$668.00*
AMD EPYC 7413	50,223	$1,997.99*
AMD EPYC 7453	50,209	$1,905.75
AMD Ryzen Threadripper PRO 5955WX	49,585	$1,386.22
Intel Xeon Platinum 8347C @ 2.10GHz	49,386	NA
AMD EPYC 7502P	49,191	$2,287.20
AMD EPYC 7502	49,178	$1,490.00
AMD Ryzen 9 7900	48,595	$459.63
Intel Core i9-13980HX	48,411	$668.00*
Intel Xeon W-3345 @ 3.00GHz	48,261	$2,499.00*
AMD EPYC 7402	47,668	$1,523.00
Intel Xeon Gold 6342 @ 2.80GHz	47,320	$3,272.00*
Intel Core i7-13700K	47,047	$417.95
AMD Ryzen 9 7845HX	46,791	NA
Intel Core i7-13700KF	46,727	$398.83
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	$3,977.49
AMD Ryzen 9 5950X	45,893	$498.00
Intel Xeon Gold 6336Y @ 2.40GHz	45,517	$2,857.95*
AMD EPYC 7343	44,930	$1,699.99*
Intel Core i9-12900KS	44,531	$512.99
Intel Xeon Gold 6312U @ 2.40GHz	44,275	$1,809.59*
Intel Core i9-13900T	44,273	$549.00*
Intel Xeon Gold 6330 @ 2.00GHz	43,056	$1,315.00
AMD EPYC 7601	42,244	$875.87

AMD EPYC 7313P	42,057	$913.00*
AMD EPYC 7452	41,871	$2,143.00

CPU Benchmarks

Intel Core i9-12900K	41,576	$432.38
Intel Xeon Gold 6354 @ 3.00GHz	41,445	$2,757.99*
Intel Core i9-12900KF	41,393	$409.00
AMD EPYC 7551P	41,150	$368.65
AMD EPYC 7313	41,060	$1,179.99*
AMD EPYC 7F52	41,023	$3,100.00*
Apple M1 Ultra 20 Core	40,918	NA
Intel Core i7-13700	40,895	$399.99
Intel Core i7-13700F	40,884	$369.99
AMD Ryzen Threadripper PRO 5945WX	40,807	NA
Intel Xeon Platinum 8275CL @ 3.00GHz	40,794	NA
AMD EPYC 7K62	40,487	NA
Intel Xeon W-3275M @ 2.50GHz	40,444	$7,453.00*
AMD Ryzen Threadripper PRO 3955WX	40,310	$1,139.99
AMD EPYC 7352	39,999	$989.00
Intel Xeon W-3265M @ 2.70GHz	39,618	$6,353.00*
Intel Core i9-13950HX	39,326	$590.00*
AMD Ryzen 9 5900X	39,261	$340.00
Intel Xeon W-3335 @ 3.40GHz	39,040	$1,299.00*
AMD Ryzen 9 3950X	39,007	$599.00
Intel Xeon Gold 6248R @ 3.00GHz	38,604	$2,600.00
Intel Core i5-13600K	38,496	$319.84
Intel Core i5-13600KF	38,423	$296.96
Intel Xeon Gold 6346 @ 3.10GHz	37,626	$2,015.00
Intel Xeon Platinum 8280 @ 2.70GHz	37,575	$7,745.00
Intel Xeon Gold 5320 @ 2.20GHz	37,558	$1,745.00
Intel Xeon Gold 6238R @ 2.20GHz	37,511	$2,515.00
Intel Core i9-12900F	37,450	$486.98
Intel Xeon Silver 4316 @ 2.30GHz	37,264	$950.00
Intel Xeon W-3175X @ 3.10GHz	37,167	$2,660.69
AMD Ryzen 7 7700X	36,457	$341.39
ARM Neoverse-N1 80 Core 3000 MHz	36,400	NA
AMD EPYC 7D12	35,853	NA
Intel Core i9-12900HX	35,797	$606.00*
Intel Xeon Gold 6326 @ 2.90GHz	35,328	$1,406.99
Intel Xeon Platinum 8180 @ 2.50GHz	35,208	$5,947.00
AMD Ryzen 7 7700	35,086	$328.99
Intel Xeon Gold 6242R @ 3.10GHz	34,963	$2,169.00
Intel Core i9-12900	34,881	$537.99
Intel Core i7-12700K	34,766	$409.00*
AMD Ryzen 9 5900	34,564	NA
Intel Core i7-12700KF	34,533	$276.99
AMD Ryzen 9 PRO 5945	34,271	NA
Intel Xeon Gold 6230R @ 2.10GHz	34,145	$1,465.00
Intel Xeon Platinum 8260M @ 2.30GHz	33,970	$7,705.00*

AMD EPYC 7302	33,820	$954.41
Intel Core i7-12800HX	33,804	$457.00*

CPU Benchmarks

AMD Ryzen Threadripper PRO 3945WX	33,412	NA
Intel Xeon Gold 5220R @ 2.20GHz	33,370	$1,478.00
Intel Xeon Platinum 8259CL @ 2.50GHz	33,279	NA
Intel Core i9-10980XE @ 3.00GHz	33,092	$917.82
Intel Core i5-13600	32,987	$255.00*
Intel Core i9-13900H	32,844	$617.00*
Intel Xeon Gold 6278C @ 2.60GHz	32,835	NA
Intel Core i9-12950HX	32,831	$590.00*
AMD Ryzen 9 3900XT	32,822	$396.79
AMD Ryzen 9 3900X	32,736	$419.95
Intel Xeon Platinum 8168 @ 2.70GHz	32,616	$2,480.00
Intel Core i5-13500	32,568	$268.00
AMD EPYC 7302P	32,543	$458.71
Intel Core i9-9980XE @ 3.00GHz	32,261	$1,274.01
AMD Ryzen Threadripper 2990WX	32,075	$3,005.25
Intel Xeon Platinum 8173M @ 2.00GHz	31,837	NA
Intel Xeon Gold 5318Y @ 2.10GHz	31,695	$1,361.00*
Intel Xeon Platinum 8268 @ 2.90GHz	31,632	$6,005.98*
Intel Core i9-12900T	31,560	$489.00*
Intel Core i9-12900E	31,530	NA
AMD Ryzen 9 PRO 3900	31,446	NA
Intel Xeon W-2295 @ 3.00GHz	31,177	$1,663.27
Intel Core i7-12700	31,150	$325.80
Intel Core i7-12700F	31,117	$289.99
AMD EPYC 7371	31,094	$599.99
Intel Xeon Platinum 8171M @ 2.60GHz	30,632	NA
AMD Ryzen 9 3900	30,623	$504.23
AMD EPYC Embedded 7292P	30,542	NA
Intel Core i9-9960X @ 3.10GHz	30,539	$1,498.95
Intel Core i9-7980XE @ 2.60GHz	30,534	$592.15
Intel Xeon Gold 6246R @ 3.40GHz	30,468	$2,470.00
Intel Core i7-12850HX	30,359	$428.00*
Intel Core i7-13700T	30,304	$384.00*
Intel Core i9-9990XE @ 4.00GHz	30,162	$2,163.00*
Intel Xeon W-3265 @ 2.70GHz	30,105	$4,551.37*
AMD Ryzen Threadripper 2970WX	29,990	$1,149.00
Intel Core i7-12800HE	29,805	$506.00*
Intel Xeon W-3245 @ 3.20GHz	29,803	$2,683.99*
Intel Xeon Gold 6248 @ 2.50GHz	29,504	$1,769.00
AMD EPYC 7282	29,489	$408.74
AMD Ryzen Threadripper 2950X	29,436	$1,011.33
Intel Xeon Platinum 8260 @ 2.40GHz	29,360	$2,995.00
Intel Xeon Gold 6254 @ 3.10GHz	29,356	$2,930.00
Intel Xeon Silver 4314 @ 2.40GHz	29,347	$720.00
Intel Xeon Gold 6148 @ 2.40GHz	29,197	$395.01

Intel Core i9-12900H	29,004	$617.00*
Intel Xeon Gold 6210U @ 2.50GHz	28,915	$2,625.00*

CPU Benchmarks

Intel Core i9-12900HK	28,835	$635.00*
AMD Ryzen 5 7600X	28,767	$240.97
Intel Xeon W-2191B @ 2.30GHz	28,745	NA
Intel Xeon Gold 6253CL @ 3.10GHz	28,549	NA
Intel Core i9-9940X @ 3.30GHz	28,402	$849.99
Intel Core i7-12700E	28,292	$344.00*
AMD EPYC 7401P	28,282	$258.36
Intel Xeon W-2195 @ 2.30GHz	28,210	$1,983.82*
Intel Core i9-10940X @ 3.30GHz	28,098	$744.95
AMD Ryzen 7 5800X	28,081	$226.64
ARM Neoverse-N1 64 Core 0 MHz	28,079	NA
Intel Xeon W-2275 @ 3.30GHz	28,037	$2,058.00*
Intel Core i5-13600T	28,014	$255.00*
AMD Ryzen 7 5800X3D	27,866	$323.00
Intel Core i5-12600K	27,790	$230.99
AMD Ryzen Threadripper 1950X	27,761	$577.71
AMD Ryzen 5 7600	27,649	$229.00
Intel Xeon Gold 6238 @ 2.10GHz	27,617	$1,709.95
Intel Xeon W-3245M @ 3.20GHz	27,503	$5,002.00*
Intel Xeon Gold 6212U @ 2.40GHz	27,470	$2,000.00*
AMD EPYC 7571	27,445	NA
Intel Core i5-12600KF	27,409	$224.99
Intel Xeon Gold 5317 @ 3.00GHz	27,402	$1,119.00
Intel Xeon Platinum 8124M @ 3.00GHz	27,336	NA
AMD EPYC 72F3	27,252	$2,800.11
Intel Xeon Gold 6252 @ 2.10GHz	27,148	$3,231.00
Intel Xeon Gold 6226R @ 2.90GHz	27,092	$1,163.00
Intel Xeon Gold 6208U @ 2.90GHz	27,085	$1,425.68*
Intel Core i9-7960X @ 2.80GHz	27,016	$330.00
Intel Xeon Gold 6230 @ 2.10GHz	26,920	$1,890.00
Intel Core i7-12700H	26,783	$457.00*
AMD Ryzen 7 5700X	26,778	$189.00
AMD Ryzen 7 PRO 5845	26,777	NA
Intel Xeon Platinum 8175M @ 2.50GHz	26,659	NA
Apple M2 Pro 12 Core 3480 MHz	26,491	NA
Intel Xeon Platinum 8160 @ 2.10GHz	26,485	$2,910.00
Intel Core i5-13400	26,473	$239.99
AMD Ryzen Threadripper 2990X	26,469	NA
AMD EPYC 7272	26,446	$620.00
Intel Core i9-10920X @ 3.50GHz	26,360	$750.99
Intel Core i9-7940X @ 3.10GHz	26,334	$590.00
Intel Xeon Gold 6242 @ 2.80GHz	26,288	$1,416.25
Apple M2 Max 12 Core 3680 MHz	26,072	NA
Intel Xeon W-3235 @ 3.30GHz	26,063	$1,998.95*
Intel Xeon W-2265 @ 3.50GHz	26,052	$1,190.64*
Intel Core i5-13400F	25,983	$209.95

AMD Ryzen 7 5800	25,954	NA
Intel Xeon Gold 5218R @ 2.10GHz	25,916	$984.00

CPU Benchmarks

Intel Xeon E5-2698K v4 @ 2.20GHz	25,605	NA
Intel Core i9-11900K @ 3.50GHz	25,539	$347.39
Intel Xeon Gold 6150 @ 2.70GHz	25,487	$473.00
AMD EPYC 7351P	25,484	$599.00*
Intel Xeon W-1390P @ 3.50GHz	25,451	NA
Intel Core i9-11900KF @ 3.50GHz	25,424	$328.89
Intel Xeon Platinum 8167M @ 2.00GHz	25,396	NA
Intel Xeon E5-2696 v4 @ 2.20GHz	25,318	$2,498.95
Intel Core i9-9920X @ 3.50GHz	25,293	$639.99
Intel Core i7-1370P	25,032	NA
Intel Xeon W-1370P @ 3.60GHz	24,961	$489.99
AMD Ryzen Threadripper 2920X	24,951	$980.00
AMD EPYC 7501	24,925	$3,616.00*
Intel Xeon Gold 6138T @ 2.00GHz	24,800	$3,345.78
Intel Xeon Gold 6143 @ 2.80GHz	24,786	NA
Intel Xeon Gold 5220 @ 2.20GHz	24,736	$1,450.00
Intel Xeon E5-2699 v4 @ 2.20GHz	24,667	$7,455.88*
Intel Core i7-11700K @ 3.60GHz	24,665	$239.99
Intel Core i5-12600HX	24,651	$284.00*
AMD Ryzen 9 6900HX	24,633	NA
AMD Ryzen 7 5700G	24,610	$178.00
AMD Ryzen 7 PRO 5750G	24,538	NA
AMD Ryzen 7 7735HS	24,497	NA
Intel Core i7-12800H	24,477	$457.00*
Intel Xeon Gold 6246 @ 3.30GHz	24,446	$3,113.22*
Intel Core i7-12650H	24,418	$457.00*
Intel Xeon E5-2679 v4 @ 2.50GHz	24,131	$2,702.00*
Intel Core i7-11700KF @ 3.60GHz	24,077	$278.99
Intel Core i5-13500H	24,074	NA
AMD Ryzen 9 6900HS	24,023	NA
Intel Xeon W-2170B @ 2.50GHz	23,964	NA
Intel Xeon W-1370 @ 2.90GHz	23,908	$409.99
Intel Xeon W-1390 @ 2.80GHz	23,902	$553.99
AMD Ryzen 7 7736U	23,860	NA
Intel Xeon E-2388G @ 3.20GHz	23,844	$539.00*
Intel Xeon Gold 6122 @ 1.80GHz	23,781	$2,002.00*
AMD Ryzen 7 6800H	23,744	NA
AMD Ryzen 7 3800XT	23,731	$219.10
AMD Ryzen 7 5700	23,725	NA
Intel Xeon W-11865MRE @ 2.60GHz	23,702	$480.00*
AMD Ryzen 9 5980HX	23,673	NA
Intel Core i9-7920X @ 2.90GHz	23,634	$248.43
AMD EPYC 7351	23,566	$899.00
Intel Xeon Gold 6146 @ 3.20GHz	23,417	$1,667.00
Intel Xeon Silver 4310 @ 2.10GHz	23,372	$524.30
Intel Core i9-10900K @ 3.70GHz	23,358	$349.99

Intel Core i9-11980HK @ 2.60GHz	23,348	$583.00*
Intel Xeon E5-2696 v3 @ 2.30GHz	23,343	$2,498.00*

CPU Benchmarks

AMD Ryzen 9 PRO 6950HS	23,295	NA
AMD Ryzen 7 3800X	23,272	$285.00
AMD Ryzen 7 PRO 6850H	23,229	NA
Intel Core i5-12600H	23,179	$311.00*
Intel Xeon Platinum 8176 @ 2.10GHz	23,179	$2,793.70*
Intel Core i9-11900KB @ 3.30GHz	23,156	$539.00*
Intel Xeon W-2175 @ 2.50GHz	23,139	$800.00*
AMD Ryzen 7 6800HS Creator Edition	23,084	NA
Intel Xeon W-11955M @ 2.60GHz	23,056	$623.00*
AMD Ryzen 9 PRO 6950H	23,053	NA
Intel Core i9-10900KF @ 3.70GHz	23,035	$369.87
AMD Ryzen 7 PRO 3700	23,016	$329.99*
Intel Core i9-11900 @ 2.50GHz	22,987	$429.00
AMD Ryzen 7 6800HS	22,971	NA
Intel Xeon E5-2698 v4 @ 2.20GHz	22,959	$908.70*
Intel Core i9-11900F @ 2.50GHz	22,951	$429.98
AMD Ryzen 9 5900HX	22,892	NA
Intel Core i7-11700B @ 3.20GHz	22,807	NA
Intel Xeon Gold 6152 @ 2.10GHz	22,802	$341.00
Intel Xeon W-1290P @ 3.70GHz	22,785	$649.40*
Intel Core i9-10850K @ 3.60GHz	22,761	$299.99
Intel Xeon E-2378G @ 2.80GHz	22,755	$530.00*
Intel Xeon Gold 6140 @ 2.30GHz	22,733	$316.20
AMD Ryzen 7 3700X	22,685	$192.99
Intel Xeon Platinum P-8124 @ 3.00GHz	22,674	NA
AMD Ryzen Threadripper 1920X	22,651	$300.00*
Intel Core i9-10900X @ 3.70GHz	22,518	$599.99
Intel Xeon Gold 6132 @ 2.60GHz	22,503	$252.00
AMD Ryzen 9 6900HS Creator Edition	22,399	NA
Intel Xeon Gold 5218 @ 2.30GHz	22,376	$749.00
Intel Xeon Gold 6136 @ 3.00GHz	22,266	$516.77
Intel Xeon W-2255 @ 3.70GHz	22,224	$778.00*
AMD Ryzen 7 5700GE	22,196	NA
Intel Xeon Gold 6334 @ 3.60GHz	22,160	$2,751.29*
Apple M1 Max 10 Core 3200 MHz	22,148	NA
AMD Ryzen 9 5900HS Creator Edition	22,138	NA
AMD Ryzen 7 PRO 5750GE	22,130	NA
AMD Ryzen Threadripper 1920	22,066	NA
AMD Ryzen 9 5900HS	22,060	NA
AMD EPYC 7551	22,005	$2,699.00
Apple M2 Pro 10 Core 3480 MHz	21,991	NA
AMD EPYC 7281	21,981	$999.99*
Intel Xeon E5-2673 v4 @ 2.30GHz	21,970	$1,950.00*
Apple M1 Pro 10 Core 3200 MHz	21,940	NA
AMD Ryzen 5 5600X	21,933	$137.79

AMD Ryzen 5 PRO 5645	21,904	NA
Intel Core i9-9900X @ 3.50GHz	21,870	$560.29

CPU Benchmarks

Intel Core i9-10910 @ 3.60GHz	21,813	NA
Intel Xeon Gold 6130T @ 2.10GHz	21,804	$2,550.00
AMD Ryzen 7 PRO 6850HS	21,785	NA
Intel Core i5-12500H	21,783	$311.00*
Intel Core i7-12700T	21,635	$339.00*
Intel Xeon E7-8891 v3 @ 2.80GHz	21,615	$6,841.00*
AMD Ryzen 5 5600	21,545	$139.79
Intel Xeon Gold 5218T @ 2.10GHz	21,433	$1,349.00*
Intel Core i5-12600	21,406	$258.20
Intel Xeon E5-2697A v4 @ 2.60GHz	21,369	NA
AMD Ryzen 7 5800H	21,300	NA
AMD Ryzen 7 5800HS Creator Edition	21,166	NA
Intel Core i7-11700F @ 2.50GHz	21,166	$261.48
Intel Core i9-7900X @ 3.30GHz	21,161	$265.05
Intel Core i9-11900H @ 2.50GHz	21,153	$546.00*
Intel Core i7-1360P	21,130	$480.00*
Intel Xeon W-2155 @ 3.30GHz	21,096	$1,530.39*
AMD Ryzen 9 5980HS	21,058	NA
Intel Core i7-11800H @ 2.30GHz	21,024	$395.00*
Intel Xeon Silver 4310T @ 2.30GHz	20,973	$783.99*
AMD Ryzen 9 5900H	20,960	NA
Intel Xeon Gold 6130 @ 2.10GHz	20,956	$393.25
AMD Ryzen 7 PRO 6850U	20,929	NA
Intel Core i7-7900X @ 3.30GHz	20,927	NA
Intel Core i7-11850H @ 2.50GHz	20,918	$395.00*
Intel Xeon Gold 6250 @ 3.90GHz	20,915	$3,629.00
AMD Ryzen 7 PRO 6860Z	20,885	NA
AMD Ryzen 7 PRO 4700G	20,848	NA
Intel Xeon E5-2697R v4 @ 2.30GHz	20,843	NA
AMD EPYC 7262	20,827	$487.40
Intel Xeon D-2796TE @ 2.00GHz	20,806	$2,184.00*
Intel Core i5-12490F	20,776	$249.99
Intel Xeon Gold 5315Y @ 3.20GHz	20,724	$1,161.44*
Intel Core i7-12700TE	20,712	$344.00*
Intel Core i5-12500E	20,699	$225.00*
AMD Ryzen 7 5800HS	20,652	NA
AMD Ryzen 7 PRO 4750G	20,579	$156.36
AMD Ryzen 7 6800U	20,561	NA
Intel Xeon E5-2697 v4 @ 2.30GHz	20,540	$447.45
Intel Core i9-10900F @ 2.80GHz	20,525	$414.99
Intel Core i7-1280P	20,484	$482.00*
AMD EPYC 7451	20,471	$1,399.00
Intel Xeon W-2150B @ 3.00GHz	20,392	NA
AMD Ryzen 7 4700G	20,231	$235.38
Intel Core i9-10900 @ 2.80GHz	20,223	$399.99
AMD Ryzen 7 4700GE	20,218	NA

Intel Core i7-11700 @ 2.50GHz	20,169	$262.60
AMD Ryzen 5 PRO 6650H	20,103	NA

CPU Benchmarks

Intel Xeon E5-2699C v4 @ 2.20GHz	20,079	NA
AMD Ryzen 5 PRO 5650G	20,075	NA
Intel Xeon Silver 4216 @ 2.10GHz	20,062	$912.40
Intel Xeon W-1350P @ 4.00GHz	20,032	$354.99
Intel Xeon E5-2690 v4 @ 2.60GHz	20,008	$412.45
Intel Xeon E5-2699 v3 @ 2.30GHz	19,993	$547.21
Intel Core i5-12500	19,923	$202.00*
AMD Ryzen 5 5600G	19,877	$127.23
Intel Xeon D-1747NTE @ 2.50GHz	19,822	$1,201.00*
Intel Core i5-1250P	19,818	NA
Intel Xeon Gold 6226 @ 2.70GHz	19,810	$1,569.00
Intel Xeon E5-2686 v4 @ 2.30GHz	19,782	NA
Intel Core i5-12400F	19,760	$164.99
Intel Core i5-11600K @ 3.90GHz	19,746	$189.99
Intel Core i5-11600KF @ 3.90GHz	19,745	$206.98
Intel Core i9-10900E @ 2.80GHz	19,705	$444.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	19,702	NA
Intel Xeon E5-2695 v4 @ 2.10GHz	19,656	$590.10
Intel Core i9-9820X @ 3.30GHz	19,650	$520.00
AMD EPYC 7252	19,616	$374.99
Intel Core i9-9900KS @ 4.00GHz	19,575	$886.80
Intel Core i5-12400	19,544	$192.00*
AMD Ryzen 5 5500	19,544	$98.00
Intel Xeon Gold 6244 @ 3.60GHz	19,500	$2,970.00*
Intel Xeon W-2245 @ 3.90GHz	19,478	$841.75
Intel Xeon W-1290E @ 3.50GHz	19,412	$500.00*
Intel Xeon E5-4660 v4 @ 2.20GHz	19,390	$3,609.00*
Intel Xeon Gold 6137 @ 3.90GHz	19,365	NA
Intel Xeon E-2386G @ 3.50GHz	19,339	$482.00*
AMD Ryzen 9 4900HS	19,271	NA
AMD Ryzen 9 4900H	19,260	NA
Intel Xeon Silver 4309Y @ 2.80GHz	19,253	$451.21
Intel Xeon W-1270P @ 3.80GHz	19,245	$789.99
Intel Xeon E-2356G @ 3.20GHz	19,241	$333.00*
Intel Xeon Gold 6126 @ 2.60GHz	19,223	$414.29
Intel Xeon Gold 6138 @ 2.00GHz	19,207	$429.45
Intel Core i7-10700K @ 3.80GHz	19,112	$269.99
AMD Ryzen 5 6600HS Creator Edition	19,053	NA
AMD Ryzen 7 7730U	19,034	NA
Intel Xeon W-1350 @ 3.30GHz	19,015	$291.99
Intel Xeon E5-2676 v4 @ 2.40GHz	18,978	NA
Intel Core i7-10700KF @ 3.80GHz	18,970	$250.48
AMD Ryzen 5 6600H	18,960	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	18,864	$729.95
Intel Xeon E5-2697 v3 @ 2.60GHz	18,860	$187.19
AMD Ryzen 7 4800H	18,837	NA

Hygon C86 7255 16-core	18,831	NA
ARM Neoverse-N1 80 Core 2600	[illegible]	NA

CPU Benchmarks

AMD Ryzen 5 3600XT	18,712	$399.98
AMD Ryzen 7 5800U	18,710	NA
AMD Ryzen 7 4800HS	18,679	NA
Intel Xeon Gold 6144 @ 3.50GHz	18,656	$400.00
Intel Xeon W-1270E @ 3.40GHz	18,635	$367.00*
AMD Ryzen 5 PRO 5650GE	18,576	NA
Intel Core i9-9900K @ 3.60GHz	18,549	$595.00
Intel Core i9-9900KF @ 3.60GHz	18,518	$373.98
AMD Ryzen 7 PRO 4750GE	18,497	NA
AMD Ryzen 7 5825U	18,441	NA
Intel Core i9-11900T @ 1.50GHz	18,436	$439.00*
Intel Xeon W-1290T @ 1.90GHz	18,409	$494.00*
Intel Xeon D-2183IT @ 2.20GHz	18,385	$1,764.00*
Intel Xeon W-11855M @ 3.20GHz	18,365	$450.00*
AMD Ryzen Embedded V3C48	18,361	NA
Intel Core i7-11850HE @ 2.60GHz	18,335	$440.00*
AMD Ryzen 7 Extreme Edition	18,261	NA
AMD Ryzen 5 3600X	18,260	$280.00
Intel Xeon E7-8880 v3 @ 2.30GHz	18,244	$133.00*
Intel Xeon Silver 4214R @ 2.40GHz	18,242	$660.00
Intel Core i5-11600 @ 2.80GHz	18,188	$247.98
Intel Xeon E5-2686 v3 @ 2.00GHz	18,148	NA
Intel Core i7-9800X @ 3.80GHz	18,132	$338.04
Intel Xeon Gold 5120T @ 2.20GHz	18,127	$1,727.00*
Intel Core i5-12450H	18,109	$311.00*
Intel Xeon D-2187NT @ 2.00GHz	18,070	$1,989.00*
Intel Xeon W-2145 @ 3.70GHz	18,069	$1,224.67*
AMD 4700S	18,034	NA
Intel Xeon E5-2680 v4 @ 2.40GHz	17,997	$274.35
Intel Xeon E-2378 @ 2.60GHz	17,952	$386.00*
Intel Xeon W-1270 @ 3.40GHz	17,906	$362.00*
Intel Core i9-10900TE @ 1.80GHz	17,888	$444.00*
Intel Xeon D-1736NT @ 2.70GHz	17,826	NA
Intel Xeon E5-2687W v4 @ 3.00GHz	17,809	$975.10
AMD Ryzen 5 PRO 3600	17,807	NA
Intel Core i5-11500B @ 3.30GHz	17,801	NA
AMD Ryzen 5 3600	17,794	$95.00
AMD Ryzen 5 6600U	17,699	NA
Intel Xeon Gold 5120 @ 2.20GHz	17,686	$1,561.00*
AMD Ryzen 7 2700X	17,595	$121.19
Intel Core i7-1270P	17,573	NA
Intel Core i5-11500 @ 2.70GHz	17,518	$248.00
AMD Ryzen 7 4980U Microsoft Surface Edition	17,469	NA
Intel Xeon E5-2683 v4 @ 2.10GHz	17,468	$386.00
Intel Xeon E5-4669 v3 @ 2.10GHz	17,430	$5,400.00*
Intel Xeon E-2288G @ 3.70GHz	17,418	$539.00*

Intel Xeon W-3223 @ 3.50GHz	17,373	$820.55*
Intel Core i7-6950X @ 3.00GHz	17,363	$340.96

CPU Benchmarks

Intel Core i5-1240P	17,291	NA
Intel Xeon W-2140B @ 3.20GHz	17,275	NA
Intel Core i7-7820X @ 3.60GHz	17,220	$650.00
Apple M1 Pro 8 Core 3200 MHz	17,210	NA
Intel Core i5-11400F @ 2.60GHz	17,208	$133.99
AMD Ryzen 5 5600H	17,168	NA
AMD Ryzen Embedded V2748	17,166	NA
Intel Core i5-12500T	17,151	$202.00*
Intel Core i5-12600T	17,147	NA
Intel Core i7-1260P	17,142	NA
Intel Core i5-11400 @ 2.60GHz	17,051	$143.35
Intel Xeon E5-2689 v4 @ 3.10GHz	17,040	NA
AMD Ryzen Threadripper 1900X	17,033	$151.48
AMD EPYC 7232P	17,017	$382.11
AMD Ryzen 7 4800U	16,970	NA
Intel Xeon E-2278G @ 3.40GHz	16,964	$494.00*
Intel Core i7-10700F @ 2.90GHz	16,931	$229.00
Intel Xeon E5-2680R v4 @ 2.40GHz	16,865	NA
AMD Ryzen 7 PRO 2700X	16,846	NA
Intel Core i5-12400T	16,832	$169.99
Intel Core i9-9900 @ 3.10GHz	16,776	$399.99*
Intel Core i7-10700 @ 2.90GHz	16,728	$214.28
Intel Xeon E-2336 @ 2.90GHz	16,673	$350.99
Intel Xeon E5-2698B v3 @ 2.00GHz	16,633	NA
AMD Ryzen 5 PRO 6650U	16,611	NA
Intel Xeon Gold 6134 @ 3.20GHz	16,601	$259.16
Intel Core i5-12500TE	16,584	$205.00*
AMD Ryzen 5 7530U	16,583	NA
AMD Ryzen Embedded V2718	16,500	NA
Intel Xeon E5-2695 v3 @ 2.30GHz	16,455	$177.03
Intel Core i7-10700E @ 2.90GHz	16,418	$330.00*
Intel Xeon E5-2690 v3 @ 2.60GHz	16,413	$59.00
AMD Ryzen 7 1800X	16,404	$227.78
AMD Ryzen 5 PRO 4400G	16,354	NA
Intel Core i7-10700TE @ 2.00GHz	16,332	$330.00*
AMD Ryzen 5 PRO 4650G	16,326	$119.88
Intel Xeon Gold 5118 @ 2.30GHz	16,237	$599.00
AMD Ryzen 5 4500	16,178	$95.00
Intel Xeon E5-2669 v3 @ 2.30GHz	16,107	NA
Intel Xeon Silver 4214 @ 2.20GHz	16,074	$550.00
Intel Core i5-11500H @ 2.90GHz	16,052	$250.00*
Intel Xeon E5-2660 v4 @ 2.00GHz	15,974	$105.00
Intel Xeon W-11865MLE @ 1.50GHz	15,958	$467.00*
Intel Xeon W-10885M @ 2.40GHz	15,945	$623.00*
AMD Ryzen 7 4850U Mobile	15,920	NA
Intel Core i5-11400H @ 2.70GHz	15,915	$250.00*

Intel Core i9-10980HK @ 2.40GHz	15,907	$583.00*
Intel Xeon E-2278GE @ 3.30GHz	15,895	$494.00*

CPU Benchmarks

Intel Xeon Gold 5117 @ 2.00GHz	15,816	NA
AMD Ryzen 5 4600G	15,803	$100.95
Intel Xeon D-2733NT @ 2.10GHz	15,799	$800.00*
Intel Core i7-11700T @ 1.40GHz	15,755	$323.00*
AMD Ryzen 7 2700	15,747	$130.76
Intel Core i7-11600H @ 2.90GHz	15,745	$395.00*
Intel Xeon Gold 5215 @ 2.50GHz	15,735	$1,200.12
Intel Core i5-11260H @ 2.60GHz	15,698	$250.00*
AMD Ryzen 7 PRO 1700X	15,695	NA
AMD Ryzen 7 1700X	15,681	$108.88
AMD Ryzen 5 4600GE	15,641	NA
AMD Ryzen 5 PRO 4650GE	15,612	NA
Intel Xeon D-1726 @ 2.90GHz	15,511	$490.00*
Intel Core i9-10885H @ 2.40GHz	15,437	$556.00*
Intel Xeon Gold 5217 @ 3.00GHz	15,429	$1,645.00
AMD Ryzen 5 5600U	15,411	NA
Intel Xeon E5-4667 v3 @ 2.00GHz	15,397	$5,729.00*
Apple M2 8 Core 3500 MHz	15,385	NA
Intel Xeon E5-2680 v3 @ 2.50GHz	15,357	$191.45
Intel Core i3-1220P	15,304	$281.00*
AMD Ryzen 7 PRO 4750U	15,276	NA
AMD Ryzen 7 PRO 2700	15,267	NA
AMD Ryzen 7 PRO 5875U	15,259	NA
Intel Core i7-10875H @ 2.30GHz	15,248	$450.00*
Intel Xeon Silver 4214Y @ 2.20GHz	15,248	$768.00*
Intel Core i3-13100F	15,212	$119.99
Intel Xeon Silver 4210R @ 2.40GHz	15,191	$365.00
Intel Xeon Silver 4116T @ 2.10GHz	15,187	$1,112.00*
AMD Ryzen 5 5560U	15,160	NA
Intel Core i3-13100	15,152	$142.32
Intel Core i9-10900T @ 1.90GHz	15,146	$349.99*
Intel Xeon E-2286M @ 2.40GHz	15,138	$1,373.18*
Intel Xeon D-2166NT @ 2.00GHz	15,105	$1,005.00*
AMD Ryzen 5 PRO 5650U	15,064	NA
Intel Xeon Silver 4215R @ 3.20GHz	15,056	$760.00
Intel Xeon Silver 4116 @ 2.10GHz	15,052	$595.00
AMD Ryzen 5 5625U	15,018	NA
AMD EPYC 7301	14,991	$1,499.98*
AMD EPYC 7251	14,935	$392.00
Intel Xeon E5-2699A v4 @ 2.40GHz	14,917	$4,938.00*
Intel Xeon E5-2658A v3 @ 2.20GHz	14,879	$1,832.00*
Intel Xeon D-1733NT @ 2.00GHz	14,849	$720.00*
AMD Ryzen 7 1700	14,844	$223.79
Intel Core i3-12300	14,843	$143.00*
Intel Core i7-10870H @ 2.20GHz	14,831	$417.00*

Intel Xeon E5-1681 v3 @ 2.90GHz	14,820	NA
AMD Ryzen 5 PRO 4400GE	14,795	NA

CPU Benchmarks

Intel Xeon E5-2687W v3 @ 3.10GHz	14,716	$64.99
Intel Core i5-11600T @ 1.70GHz	14,713	$213.00*
Intel Xeon E5-2678 v3 @ 2.50GHz	14,669	$106.19*
AMD Ryzen 7 2700E	14,657	NA
Intel Xeon Gold 5115 @ 2.40GHz	14,649	$680.00
AMD Ryzen 5 4600H	14,633	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	14,596	$449.95*
AMD Ryzen 5 4600HS	14,588	NA
Intel Core i7-9700K @ 3.60GHz	14,555	$359.24
AMD Ryzen 7 PRO 1700	14,502	NA
Intel Core i9-9980HK @ 2.40GHz	14,481	$583.00*
Intel Core i5-10600KF @ 4.10GHz	14,474	$177.99
Intel Core i5-10600K @ 4.10GHz	14,470	$182.47
Intel Core i7-8086K @ 4.00GHz	14,459	$668.95
Intel Xeon W-1250P @ 4.10GHz	14,440	$321.50*
Intel Xeon Silver 4215 @ 2.50GHz	14,439	$642.51
Intel Xeon E5-2658 v4 @ 2.30GHz	14,434	NA
Intel Core i7-9700KF @ 3.60GHz	14,408	$289.76
Intel Xeon Silver 4123 @ 3.00GHz	14,405	NA
Intel Core i7-6900K @ 3.20GHz	14,401	$160.00
AMD Ryzen 5 PRO 5675U	14,347	NA
Intel Xeon W-2235 @ 3.80GHz	14,337	$639.99
Intel Core i5-1240U	14,323	NA
Intel Core i3-12100F	14,323	$138.48
Intel Xeon E5-2697 v2 @ 2.70GHz	14,312	$188.19
Intel Xeon E5-2666 v3 @ 2.90GHz	14,307	NA
Intel Xeon E-2236 @ 3.40GHz	14,297	$399.95
Intel Xeon E5-2696 v2 @ 2.50GHz	14,289	NA
Intel Xeon E5-4660 v3 @ 2.10GHz	14,256	$4,800.00*
Intel Xeon D-1732TE @ 1.90GHz	14,254	$759.00*
Apple M1 8 Core 3200 MHz	14,236	NA
Intel Xeon W-2135 @ 3.70GHz	14,177	$1,007.70*
Intel Xeon E5-2650 v4 @ 2.20GHz	14,169	$65.99
Intel Xeon E5-1680 v4 @ 3.40GHz	14,169	$1,498.95*
Intel Xeon E5-2673 v3 @ 2.40GHz	14,111	$700.00*
Intel Xeon E-2246G @ 3.60GHz	14,050	$311.00*
Intel Xeon E5-2667 v4 @ 3.20GHz	14,002	$1,929.95
AMD EPYC 3251	13,993	$315.00*
AMD Ryzen 5 2600X	13,982	$86.29
Intel Xeon E5-2676 v3 @ 2.40GHz	13,979	NA
Intel Core i9-9880H @ 2.30GHz	13,955	$556.00*
Intel Xeon E-2186G @ 3.80GHz	13,940	$429.99
Intel Core i7-1255U	13,932	$426.00*
Intel Xeon Silver 4210 @ 2.20GHz	13,908	$373.66
Intel Core i3-12300T	13,898	$157.00*
AMD Ryzen 3 PRO 5350G	13,898	NA
Intel Xeon W-1250E @ 3.50GHz	13,888	$260.00*

Intel Xeon E-2374G @ 3.70GHz	13,860	$405.99
Intel Core i3-12100	13,829	$122.00*

CPU Benchmarks

Intel Core i7-1265U	13,807	$426.00*
Intel Xeon E-2276G @ 3.80GHz	13,803	$460.29*
Intel Xeon W-1250 @ 3.30GHz	13,801	$364.99
Intel Core i5-10600 @ 3.30GHz	13,768	$210.12
Intel Core i7-1260U	13,759	NA
Intel Core i7-8700K @ 3.70GHz	13,756	$239.73
AMD Ryzen 3 PRO 5350GE	13,685	NA
Intel Xeon E-2286G @ 4.00GHz	13,647	$729.99*
AMD Ryzen 3 5300GE	13,636	NA
Intel Core i5-1235U	13,634	$309.00*
Intel Xeon E-2176G @ 3.70GHz	13,631	$369.99
Intel Xeon Gold 6128 @ 3.40GHz	13,605	$310.00
Intel Xeon W-1270TE @ 2.00GHz	13,553	$367.00*
Intel Xeon E5-2690 v2 @ 3.00GHz	13,526	$136.75
Intel Core i7-1250U	13,519	$426.00*
AMD Ryzen 7 4700U	13,516	NA
AMD Ryzen 5 4600U	13,500	NA
Intel Core i9-9900T @ 2.10GHz	13,498	$439.00*
Intel Xeon E5-2658 v3 @ 2.20GHz	13,487	NA
Intel Xeon E5-1660 v4 @ 3.20GHz	13,468	$1,494.00*
Intel Xeon E-2136 @ 3.30GHz	13,411	$289.88
Intel Core i7-9700F @ 3.00GHz	13,379	$273.67
Intel Core i5-11400T @ 1.30GHz	13,354	$182.00*
Intel Core i7-9700 @ 3.00GHz	13,318	$262.63
Intel Xeon D-1581 @ 1.80GHz	13,282	NA
Intel Core i5-1245U	13,281	$309.00*
Intel Core i5-11500T @ 1.50GHz	13,276	$192.00*
Intel Xeon E-2146G @ 3.50GHz	13,251	$375.74
AMD Ryzen 5 PRO 2600	13,250	NA
AMD Ryzen 5 3500X	13,237	$188.53
AMD Ryzen 5 2600	13,235	$77.83
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	$308.99
Intel Xeon E5-2695 v2 @ 2.40GHz	13,185	$59.00
AMD Ryzen 5 5500U	13,158	NA
Intel Xeon D-2143IT @ 2.20GHz	13,107	$566.00*
Intel Xeon E5-2660 v3 @ 2.60GHz	13,104	$107.85
AMD Ryzen 5 1600X	13,062	$89.99
AMD Ryzen 3 5300G	13,025	NA
Intel Core i3-12100T	13,004	$122.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	12,969	$999.99*
Intel Core i7-8700 @ 3.20GHz	12,965	$176.60
Intel Core i3-12100TE	12,961	$125.00*
Intel Xeon E5-2685 v3 @ 2.60GHz	12,944	NA
Intel Xeon W-10855M @ 2.80GHz	12,916	$450.00*
Intel Core i7-7800X @ 3.50GHz	12,912	$314.00

Intel Core i5-10500 @ 3.10GHz	12,895	$228.99
Intel Xeon Silver 4114 @ 2.20GHz	12,883	$300.00

CPU Benchmarks

AMD Ryzen 5 3500	12,833	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	12,816	$902.20*
AMD Ryzen 5 PRO 4650U	12,800	NA
Intel Core i7-9700E @ 2.60GHz	12,751	$323.00*
Intel Core i7-5960X @ 3.00GHz	12,746	$167.19
Intel Xeon E5-1680 v2 @ 3.00GHz	12,729	NA
AMD Ryzen 3 3300X	12,691	$230.00
Intel Xeon E5-2680 v2 @ 2.80GHz	12,648	$59.00
Intel Xeon W-2133 @ 3.60GHz	12,576	$617.00*
Intel Xeon E5-2667 v3 @ 3.20GHz	12,550	$1,504.47*
Intel Xeon W-11555MLE @ 1.90GHz	12,505	$348.00*
Intel Xeon E5-2649 v3 @ 2.30GHz	12,399	NA
Intel Core i5-10400F @ 2.90GHz	12,349	$108.05
Intel Xeon E5-1660 v3 @ 3.00GHz	12,330	$404.46*
Intel Core i7-11375H @ 3.30GHz	12,303	$482.00*
AMD Ryzen 5 1600	12,301	$159.99
Intel Core i5-10400 @ 2.90GHz	12,272	$124.95
Intel Core i5-10505 @ 3.20GHz	12,268	NA
Intel Xeon E5-2667 v2 @ 3.30GHz	12,229	$294.95
Intel Core i7-10750H @ 2.60GHz	12,165	NA
Intel Xeon E5-2687W v2 @ 3.40GHz	12,163	$432.19
Intel Xeon E5-2673 v2 @ 3.30GHz	12,128	NA
Intel Xeon E5-2692 v2 @ 2.20GHz	12,119	NA
Intel Xeon D-2141I @ 2.20GHz	12,117	$555.00*
Intel Xeon E5-2640 v4 @ 2.40GHz	12,097	$416.19
Intel Core i7-8700B @ 3.20GHz	12,084	$303.00*
AMD Ryzen 5 PRO 4500U	12,049	NA
Intel Core i7-10850H @ 2.70GHz	12,033	$395.00*
Intel Xeon E-2278GEL @ 2.00GHz	12,024	$494.00*
Intel Xeon E5-2675 v3 @ 1.80GHz	11,960	NA
Intel Core i7-11370H @ 3.30GHz	11,894	$426.00*
Intel Xeon E5-2650 v3 @ 2.30GHz	11,852	$15.99
AMD Ryzen 3 7330U	11,816	NA
Intel Xeon E5-2650L v3 @ 1.80GHz	11,804	$1,365.00*
Snapdragon 8cx Gen 3 @ 3.0 GHz	11,786	NA
Intel Xeon E5-2663 v3 @ 2.80GHz	11,777	NA
Intel Xeon D-2146NT @ 2.30GHz	11,736	$641.00*
Intel Xeon E-2276M @ 2.80GHz	11,700	$450.00*
Intel Xeon D-1577 @ 1.30GHz	11,645	$1,176.00*
AMD Ryzen 3 3100	11,645	$139.99
Intel Xeon E5-2630 v4 @ 2.20GHz	11,644	$39.00
AMD Ryzen 3 5425U	11,641	NA
Intel Xeon E5-2648L v4 @ 1.80GHz	11,547	$1,662.70*
Intel Xeon E5-2670 v2 @ 2.50GHz	11,527	$156.00
Intel Core i3-1215U	11,524	NA

Intel Xeon E5-4669 v4 @ 2.20GHz	11,523	NA
Intel Core i5-10500H @ 2.50GHz	11,516	$250.00*

CPU Benchmarks

Intel Xeon E5-2650L v4 @ 1.70GHz	11,436	$700.00
Intel Xeon E-2186M @ 2.90GHz	11,436	$623.00*
Intel Core i7-6850K @ 3.60GHz	11,401	$168.42
Intel Core i5-1245UE	11,372	$312.00*
Intel Core i7-9850H @ 2.60GHz	11,364	$1,305.76*
Intel Core i3-11100B @ 3.60GHz	11,357	NA
Intel Xeon E5-4657L v2 @ 2.40GHz	11,353	$751.19*
Intel Xeon E5-4627 v3 @ 2.60GHz	11,344	$2,400.00*
Intel Core i3-1210U	11,341	NA
AMD Ryzen 3 PRO 5475U	11,337	NA
Intel Xeon E5-2640 v3 @ 2.60GHz	11,330	$49.00
AMD Ryzen 3 PRO 5450U	11,316	NA
AMD Ryzen 3 PRO 4200G	11,315	NA
AMD Ryzen 3 4300GE	11,211	NA
Intel Core i5-10600T @ 2.40GHz	11,210	$213.00*
AMD Ryzen 3 4100	11,148	$69.00
Intel Xeon Silver 4208 @ 2.10GHz	11,141	$390.66
Intel Xeon E5-2643 v4 @ 3.40GHz	11,088	$310.00
Intel Xeon Silver 4209T @ 2.20GHz	11,080	$649.25*
AMD Ryzen 3 PRO 4350GE	11,079	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	11,079	$1,364.00*
Intel Core i7-9750H @ 2.60GHz	11,072	$960.00*
Intel Core i7-9750HF @ 2.60GHz	11,070	$395.00*
Intel Core i7-1195G7 @ 2.90GHz	11,060	$426.00*
Intel Core i5-11300H @ 3.10GHz	11,051	$309.00*
AMD Ryzen 5 4500U	11,050	NA
AMD Ryzen 3 4300G	11,041	$124.00
Intel Xeon E-2226G @ 3.40GHz	11,036	$369.11
Intel Xeon E5-4650 v2 @ 2.40GHz	11,001	$498.95*
AMD Ryzen 3 PRO 4350G	10,981	NA
Intel Core i5-11320H @ 3.20GHz	10,951	$309.00*
AMD Ryzen 3 PRO 4200GE	10,930	NA
Intel Xeon E-2176M @ 2.70GHz	10,924	$450.00*
Intel Xeon E5-2618L v3 @ 2.30GHz	10,881	$1,029.95*
Apple A12X Bionic	10,872	NA
Intel Xeon E5-2630L v4 @ 1.80GHz	10,864	$1,822.89*
Intel Xeon E5-4650 v3 @ 2.10GHz	10,838	$3,838.00*
Intel Core i5-10500E @ 3.10GHz	10,827	$195.00*
Intel Core i5-9600KF @ 3.70GHz	10,798	$156.06
Intel Core i7-1185G7E @ 2.80GHz	10,788	$431.00*
Intel Core i7-9700T @ 2.00GHz	10,780	$323.00*
Intel Core i7-6800K @ 3.40GHz	10,774	$142.64
Intel Core i5-9600K @ 3.70GHz	10,765	$193.79
Intel Xeon E-2126G @ 3.30GHz	10,747	$339.99*
Intel Core i7-9700TE @ 1.80GHz	10,740	$323.00*

Intel Core i9-8950HK @ 2.90GHz	10,735	$583.00*
Intel Xeon W-2225 @ 4.10GHz	10,702	$568.34

CPU Benchmarks

Intel Xeon E5-2660 v2 @ 2.20GHz	10,636	$39.00
AMD Ryzen 3 5400U	10,612	NA
Intel Xeon E-2324G @ 3.10GHz	10,603	$280.99
Intel Core i7-11390H @ 3.40GHz	10,539	$426.00*
Intel Xeon E5-4620 v3 @ 2.00GHz	10,525	$20.18*
Intel Core i5-1230U	10,491	$309.00*
Intel Xeon E5-2643 v3 @ 3.40GHz	10,486	$758.51*
Intel Xeon E5-2470 v2 @ 2.40GHz	10,466	$205.19
Intel Xeon D-1567 @ 2.10GHz	10,447	NA
Intel Xeon E5-1650 v3 @ 3.50GHz	10,444	$138.51
Intel Xeon E5-2630 v3 @ 2.40GHz	10,429	$12.99
Intel Core i7-1165G7 @ 2.80GHz	10,429	$426.00*
AMD Ryzen 5 PRO 1600	10,401	NA
Intel Xeon E5-2658 v2 @ 2.40GHz	10,400	$3,604.00*
Intel Xeon E5-1660 v2 @ 3.70GHz	10,391	$498.95
Intel Core i7-8700T @ 2.40GHz	10,376	$389.95
Intel Xeon E5-4640 v3 @ 1.90GHz	10,372	NA
Intel Core i3-10325 @ 3.90GHz	10,354	$190.10*
Intel Xeon Silver 4109T @ 2.00GHz	10,348	$692.02*
Intel Core i7-8850H @ 2.60GHz	10,344	$395.00*
Intel Core i5-9600 @ 3.10GHz	10,319	$157.40
Intel Core i7-5930K @ 3.50GHz	10,311	$313.00*
Intel Core i5-9500F @ 3.00GHz	10,265	$208.00
Intel Core i5-8600K @ 3.60GHz	10,248	$118.94
Intel Core i5-10500T @ 2.30GHz	10,216	$192.00*
Intel Core i5-1155G7 @ 2.50GHz	10,189	$309.00*
Intel Xeon D-1541 @ 2.10GHz	10,154	NA
Intel Core i7-4960X @ 3.60GHz	10,149	$1,250.00
Intel Core i5-1145G7E @ 2.60GHz	10,098	$312.00*
Intel Core i5-1145G7 @ 2.60GHz	10,071	NA
Intel Core i3-10320 @ 3.80GHz	10,068	$149.95
AMD Ryzen 3 PRO 4450U	10,066	NA
Intel Core i3-N305	10,062	$309.00*
Intel Xeon D-1540 @ 2.00GHz	10,040	NA
Intel Core i7-8750H @ 2.20GHz	10,027	$395.00*
Intel Xeon W-2125 @ 4.00GHz	9,993	$564.95*
Intel Xeon Silver 4110 @ 2.10GHz	9,990	$105.00
Intel Core i5-1135G7 @ 2.40GHz	9,987	$309.00*
Intel Xeon E5-2650 v2 @ 2.60GHz	9,967	$39.00
Intel Core i5-10500TE @ 2.30GHz	9,960	$195.00*
Intel Core i5-10400T @ 2.00GHz	9,955	$182.00*
Intel Xeon E5-2628L v3 @ 2.00GHz	9,949	NA
Intel Xeon E5-2687W @ 3.10GHz	9,949	$659.27
Intel Core i5-8600 @ 3.10GHz	9,942	$175.37
AMD Ryzen 3 5300U	9,940	NA
Intel Xeon E-2234 @ 3.60GHz	9,903	$294.99*
Intel Core i3-1125G4 @ 2.00GHz	9,898	NA

Intel Core i7-10710U @ 1.10GHz	9,877	$644.99*
Intel Core i7-1068NG7 @ 2.30GHz	9,865	$426.00*

CPU Benchmarks

Intel Core i7-5820K @ 3.30GHz	9,846	$64.99
Intel Core i7-7740X @ 4.30GHz	9,834	$113.14
Intel Core i5-1140G7 @ 1.10GHz	9,816	NA
Intel Xeon E-2244G @ 3.80GHz	9,794	$334.73*
Intel Xeon E5-2690 @ 2.90GHz	9,788	$39.00
Intel Core i5-9500 @ 3.00GHz	9,779	$143.97
Intel Xeon E5-2689 @ 2.60GHz	9,754	$182.75*
Intel Xeon E-2274G @ 4.00GHz	9,712	$431.54*
Intel Core i7-7700K @ 4.20GHz	9,661	$199.12
AMD Ryzen 5 7520U	9,657	NA
AMD Ryzen 5 PRO 3350GE	9,643	NA
Hygon C86 3185 8-core	9,627	NA
Intel Xeon D-1718T @ 2.60GHz	9,610	$314.00*
Intel Xeon E-2174G @ 3.80GHz	9,590	$309.99
Intel Core i5-8500 @ 3.00GHz	9,583	$137.01
Intel Xeon Gold 5222 @ 3.80GHz	9,558	$1,216.41
Intel Xeon E5-4620 v2 @ 2.60GHz	9,540	$91.00*
Intel Core i5-9400F @ 2.90GHz	9,529	$133.84
AMD Ryzen 5 2500X	9,495	NA
Intel Core i5-9400 @ 2.90GHz	9,455	$187.00
Intel Core i3-10300 @ 3.70GHz	9,429	$154.76
Intel Core i5-1038NG7 @ 2.00GHz	9,411	$320.00*
Intel Xeon E5-2680 @ 2.70GHz	9,402	$29.00
Intel Core i5-9600T @ 2.30GHz	9,392	$213.00*
Intel Core i7-1265UE	9,392	$472.00*
Intel Core i7-4930K @ 3.40GHz	9,383	$89.17
Intel Xeon E5-4655 v3 @ 2.90GHz	9,377	$4,616.00*
AMD Ryzen 5 PRO 3350G	9,354	NA
AMD Ryzen 5 3350GE	9,343	NA
Intel Xeon E-2144G @ 3.60GHz	9,322	$331.84*
Intel Xeon E5-4627 v2 @ 3.30GHz	9,320	$498.95*
Intel Xeon E5-1650 v2 @ 3.50GHz	9,318	$238.02
AMD Ryzen 5 3400G	9,315	$139.99
AMD Ryzen 5 PRO 1500	9,279	NA
Intel Core i5-1145GRE @ 2.60GHz	9,272	$362.00*
Intel Core i5-8400 @ 2.80GHz	9,250	$150.67
Intel Xeon E5-2620 v4 @ 2.10GHz	9,224	$59.00
Intel Xeon D-1587 @ 1.70GHz	9,223	NA
AMD Ryzen 5 PRO 3400G	9,214	NA
Intel Xeon E3-1275 v6 @ 3.80GHz	9,213	$356.83
Intel Xeon E5-2651 v2 @ 1.80GHz	9,211	$278.10*
Intel Core i7-1160G7 @ 1.20GHz	9,205	$426.00*
Intel Core i7-1185GRE @ 2.80GHz	9,142	NA
Intel Xeon E5-2629 v3 @ 2.40GHz	9,139	$499.88*
AMD Ryzen 3 7320U	9,137	NA
Intel Xeon E5-2643 v2 @ 3.50GHz	9,134	$398.95
Intel Core i7-9850HL @ 1.90GHz	9,112	$395.00*

Intel Core i3-10305 @ 3.80GHz	9,108	$169.99
AMD Ryzen 5 1500X	9,105	$65.97

CPU Benchmarks

Intel Xeon D-1715TER @ 2.40GHz	9,104	$285.00*
Intel Core i5-8500B @ 3.00GHz	9,084	$192.00*
Intel Core i3-10105F @ 3.70GHz	9,076	$74.99
Intel Xeon D-1548 @ 2.00GHz	9,075	$555.00*
Intel Xeon E5-4648 v3 @ 1.70GHz	9,061	NA
Intel Xeon E5-2450 v2 @ 2.50GHz	9,060	$295.95
Intel Core i5-9500TE @ 2.20GHz	9,028	$192.00*
Intel Core i5-1130G7 @ 1.10GHz	8,990	$309.00*
Intel Core i3-1215UE	8,987	$313.00*
Intel Xeon E-2134 @ 3.50GHz	8,960	$184.77
Intel Xeon E5-2670 @ 2.60GHz	8,946	$59.95
Intel Core i7-6700K @ 4.00GHz	8,941	$159.99
Intel Xeon E3-1280 v6 @ 3.90GHz	8,940	$550.00
Intel Xeon E3-1270 v6 @ 3.80GHz	8,921	$261.73
AMD Ryzen 5 3400GE	8,892	NA
Intel Core i5-3170K @ 3.20GHz	8,882	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	8,869	$79.00*
Intel Core i3-10100F @ 3.60GHz	8,847	$74.97
Intel Xeon E5-2648L v2 @ 1.90GHz	8,828	$945.00*
Intel Xeon Gold 5122 @ 3.60GHz	8,786	$519.00
Intel Core i5-10400H @ 2.60GHz	8,762	$250.00*
Intel Core i5-8600T @ 2.30GHz	8,751	$199.99*
AMD Ryzen 5 2400G	8,739	$298.20
Intel Xeon Silver 4108 @ 1.80GHz	8,736	$168.88
Intel Core i3-10100 @ 3.60GHz	8,724	$99.00
Intel Core i7-8559U @ 2.70GHz	8,697	$617.00*
Intel Xeon E3-1240 v6 @ 3.70GHz	8,696	$313.29
Intel Core i3-10105 @ 3.70GHz	8,685	$113.00
ARM X-Gene 32 Core 3300 MHz	8,684	NA
Intel Xeon E3-1245 v6 @ 3.70GHz	8,666	$589.95
Intel Xeon W-2223 @ 3.60GHz	8,663	$339.99
Intel Core i7-7700 @ 3.60GHz	8,656	$137.69
Intel Core i7-8809G @ 3.10GHz	8,646	NA
Intel Atom C5125	8,631	$299.00*
Intel Xeon E5-4650 @ 2.70GHz	8,630	$78.19
Intel Core i5-10300H @ 2.50GHz	8,594	$250.00*
Intel Core i5-1035G7 @ 1.20GHz	8,572	$320.00*
AMD EPYC 3201	8,545	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	8,536	$543.84*
Apple A14 Bionic	8,521	NA
Intel Xeon W-2123 @ 3.60GHz	8,510	$427.11*
Intel Core i7-1065G7 @ 1.30GHz	8,492	$426.00*
AMD Ryzen Embedded V1807B	8,491	NA
Intel Xeon E5-4650L @ 2.60GHz	8,472	$58.87*
Intel Xeon E3-1275 v5 @ 3.60GHz	8,452	$224.89
Intel Xeon E5-2628 v3 @ 2.50GHz	8,447	NA

Intel Core i7-3960X @ 3.30GHz	8,444	$157.88
Intel Core i7-8569U @ 2.80GHz	8,442	$431.00*

CPU Benchmarks

Intel Xeon E5-1660 @ 3.30GHz	8,422	$267.19
Intel Core i7-3970X @ 3.50GHz	8,408	$189.88
Intel Xeon E3-1585 v5 @ 3.50GHz	8,408	$556.00*
AMD Ryzen 5 PRO 2400G	8,395	NA
Intel Xeon E3-1280 v5 @ 3.70GHz	8,377	$1,511.00
Intel Core i5-10200H @ 2.40GHz	8,334	$250.00*
Intel Core i7-1180G7 @ 1.30GHz	8,332	$426.00*
Intel Xeon E3-1270 v5 @ 3.60GHz	8,332	$218.32
AMD Opteron 6386 SE	8,320	$800.10
Intel Xeon E3-1240 v5 @ 3.50GHz	8,320	$175.55
Intel Xeon E5-2470 @ 2.30GHz	8,296	$140.00
Intel Core i5-9400H @ 2.50GHz	8,271	$250.00*
AMD Ryzen 5 PRO 3400GE	8,266	NA
Intel Core i5-9500T @ 2.20GHz	8,265	$192.00*
Intel Core i7-3930K @ 3.20GHz	8,252	$399.10*
Intel Core i3-10100E @ 3.20GHz	8,229	$125.00*
AMD Ryzen 7 3750H	8,226	NA
AMD Ryzen Embedded V1756B	8,216	NA
Intel Xeon E3-1260L v5 @ 2.90GHz	8,208	$258.70*
Intel Core i3-10300T @ 3.00GHz	8,205	$193.97*
ARM X-Gene 32 Core 3000 MHz	8,202	NA
Intel Xeon E3-1230 v6 @ 3.50GHz	8,194	$238.99
Intel Xeon E-2314 @ 2.80GHz	8,187	$195.00*
Intel Xeon E-2276ME @ 2.80GHz	8,167	$450.00*
Intel Core i5-9400T @ 1.80GHz	8,143	$182.00*
Intel Xeon E5-2660 @ 2.20GHz	8,140	$29.39
Intel Core i7-10810U @ 1.10GHz	8,136	$443.00*
Intel Core i3-10305T @ 3.00GHz	8,136	$143.00*
Intel Xeon E3-1535M v6 @ 3.10GHz	8,131	$623.00*
Intel Core i7-8706G @ 3.10GHz	8,128	NA
Intel Xeon E5-1650 @ 3.20GHz	8,099	$104.00
Intel Core i7-6700 @ 3.40GHz	8,096	$98.69
Intel Core i5-8259U @ 2.30GHz	8,075	$519.99*
Intel Xeon E3-1285L v4 @ 3.40GHz	8,074	$1,081.00
AMD Athlon Gold PRO 4150GE	8,070	NA
Intel Core i7-4790K @ 4.00GHz	8,058	$124.00
Intel Core i5-1035G4 @ 1.10GHz	8,057	$309.00*
Intel Core i5-8269U @ 2.60GHz	8,055	$320.00*
Intel Xeon E3-1245 v5 @ 3.50GHz	8,031	$355.77
AMD Opteron 6348	8,030	$1,000.10
Intel Xeon E3-1230 v5 @ 3.40GHz	8,027	$138.99
Intel Xeon E3-1585L v5 @ 3.00GHz	8,021	$445.00*
Intel Core i7-8557U @ 1.70GHz	8,012	$431.00*
CentaurHauls @2500MHz	7,969	NA
Intel Core i3-10105T @ 3.00GHz	7,967	$122.00*
Intel Core i5-8400H @ 2.50GHz	7,959	$250.00*

Intel Xeon E3-1545M v5 @ 2.90GHz	7,943	NA

CPU Benchmarks

AMD Ryzen 5 3550H	7,903	NA
AMD Ryzen 5 2600H	7,876	NA
Intel Xeon E5-2620 v3 @ 2.40GHz	7,853	$29.00
Intel Xeon E5-2640 v2 @ 2.00GHz	7,820	$83.95
Intel Core i5-8260U @ 1.60GHz	7,808	$439.99*
Intel Xeon E3-1575M v5 @ 3.00GHz	7,802	$1,207.00*
Intel Core i7-8705G @ 3.10GHz	7,784	$1,535.11*
Intel Core i7-5775R @ 3.30GHz	7,776	NA
Intel Core i5-8279U @ 2.40GHz	7,768	$320.00*
AMD Ryzen 5 1400	7,752	$72.99
Intel Core i5-8500T @ 2.10GHz	7,741	$250.94*
Intel Core i3-9350K @ 4.00GHz	7,722	$293.22*
Intel Xeon E3-1285 v4 @ 3.50GHz	7,712	NA
Intel Core i5-9300H @ 2.40GHz	7,712	$250.00*
AMD Athlon Gold PRO 3150G	7,702	NA
Intel Xeon E5-1630 v4 @ 3.70GHz	7,702	NA
Intel Core i7-5950HQ @ 2.90GHz	7,696	NA
AMD Ryzen 5 3550U	7,681	NA
Intel Xeon E3-1270L v4 @ 3.00GHz	7,662	NA
AMD Ryzen 7 2800H	7,656	NA
Intel Core i5-8257U @ 1.40GHz	7,648	$320.00*
MediaTek MT6895	7,625	NA
Intel Xeon E-2224G @ 3.50GHz	7,621	$268.02*
Intel Core i7-5775C @ 3.30GHz	7,612	$174.93
Intel Pentium Gold 8505	7,600	NA
Qualcomm Technologies, Inc KONA-IOT	7,592	NA
AMD Ryzen 3 2300X	7,584	$178.09*
MediaTek MT6983	7,564	NA
Intel Core i5-1035G1 @ 1.00GHz	7,559	$297.00*
Intel Core i5-9300HF @ 2.40GHz	7,551	$250.00*
Intel Core i3-9350KF @ 4.00GHz	7,547	$104.03
Intel Xeon E3-1271 v3 @ 3.60GHz	7,544	$123.50
Intel Core i7-7700T @ 2.90GHz	7,541	$169.00
Intel Xeon E5-2450 @ 2.10GHz	7,530	$64.03
Intel Xeon E3-1535M v5 @ 2.90GHz	7,520	$623.00*
Intel Core i5-8300H @ 2.30GHz	7,511	$250.00*
Intel Core i7-7820HK @ 2.90GHz	7,505	$378.00*
AMD Ryzen 3 4300U	7,505	NA
Intel Core i5-8400T @ 1.70GHz	7,502	$239.84*
Intel Xeon D-1531 @ 2.20GHz	7,483	$348.00*
Intel Xeon E5-2667 @ 2.90GHz	7,477	$99.19
AMD Ryzen 5 2400GE	7,472	NA
Intel Xeon E-2124G @ 3.40GHz	7,470	$290.03
Intel Xeon E5-2630 v2 @ 2.60GHz	7,468	$29.99
Intel Xeon E3-1281 v3 @ 3.70GHz	7,463	$546.25

Intel Xeon E5-2637 v3 @ 3.50GHz	7,455	$49.99
Intel Core i7-7820EQ @ 3.00GHz	7,453	$378.00*

CPU Benchmarks

AMD Ryzen 5 PRO 2400GE	7,448	NA
Intel Xeon E5-2608L v4 @ 1.60GHz	7,447	$363.00*
Intel Xeon E5-1630 v3 @ 3.70GHz	7,419	$1,354.00*
Intel Xeon E3-1286 v3 @ 3.70GHz	7,418	$839.00*
Intel Xeon E5-2650 @ 2.00GHz	7,417	$59.83
Intel Core i7-7920HQ @ 3.10GHz	7,400	$568.00*
Intel Xeon E5-1620 v4 @ 3.50GHz	7,395	$149.00
Intel Core i7-6920HQ @ 2.90GHz	7,370	$568.00*
Intel Core i3-10100T @ 3.00GHz	7,365	$122.00*
Intel Xeon E3-1276 v3 @ 3.60GHz	7,364	$867.00*
Intel Xeon @ 2.00GHz	7,363	NA
Intel Core i3-9320 @ 3.70GHz	7,358	$215.67*
Intel Xeon E3-1280 v3 @ 3.60GHz	7,356	$249.00*
Intel Xeon D-1559 @ 1.50GHz	7,353	NA
AMD Ryzen 7 PRO 2700U	7,328	NA
Intel Xeon E3-1270 v3 @ 3.50GHz	7,322	$419.00

Software
- BurnInTest
- PerformanceTest
- OSForensics
- MemTest86
- WirelessMon
- Management Console
- 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

Benchmarks
- CPU Benchmarks
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