


[Home](#) [Software](#) [Hardware](#) [Benchmarks](#) [Services](#) [Store](#) [Support](#) [Forums](#) [About Us](#)
[Home](#) » [CPU Benchmarks](#) » High End CPUs

[CPU Benchmarks](#) [Video Card Benchmarks](#) [Hard Drive Benchmarks](#) [RAM](#) [PC Systems](#) [Android](#) [iOS / iPhone](#)

CPU Benchmarks

Over 1,000,000 CPUs
Benchmarked



----Select A Page ----



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 CPUs, AMD Phenom II CPUs and AMD Opterons with multiple cores. Intel processors vs AMD chips - find out which CPUs performance is best for your new gaming rig or server!

[How does your CPU compare?](#)
Add your CPU to our benchmark chart with [PerformanceTest V9!](#)

CPU Mark | Price Performance

(Click to select desired chart)

PassMark - CPU Mark High End CPUs - Updated 10th of July 2018

	Price (USD)
Intel Xeon Platinum 8173M @ 2.00GHz	28,860
Intel Xeon Gold 6154 @ 3.00GHz	\$3,543.00*
Intel Core i9-7980XE @ 2.60GHz	\$1,879.99
Intel Core i9-7960X @ 2.80GHz	\$1,485.70
Intel Xeon Gold 6138 @ 2.00GHz	\$2,684.99
Intel Xeon E5-2679 v4 @ 2.50GHz	\$2,702.00*
Intel Xeon Gold 6146 @ 3.20GHz	\$3,787.27
Intel Core i9-7940X @ 3.10GHz	\$1,149.82
Intel Xeon Gold 6140 @ 2.30GHz	\$2,634.77*
Intel Xeon W-2195 @ 2.30GHz	\$2,725.06*
Intel Xeon E5-2697A v4 @ 2.60GHz	NA
Intel Xeon E5-2699 v4 @ 2.20GHz	\$8,010.00*
Intel Core i9-7920X @ 2.90GHz	\$1,042.07
Intel Xeon E5-2696 v3 @ 2.30GHz	\$2,498.00*
Intel Xeon W-2155 @ 3.30GHz	\$1,530.39*
Intel Xeon E5-2699 v3 @ 2.30GHz	\$4,010.00
AMD Ryzen Threadripper 1950X	\$749.99
Intel Core i9-7900X @ 3.30GHz	\$899.99
Intel Xeon E5-2698 v4 @ 2.20GHz	\$3,226.00*



Intel Xeon E5-2687W v2 @ 3.40GHz	16,478	\$3,713.55*
Intel Xeon E5-2690 v2 @ 3.00GHz	16,468	\$589.00
Intel Xeon W-2135 @ 3.70GHz	16,453	\$932.79*
Intel Xeon E5-2667 v4 @ 3.20GHz	16,374	\$2,155.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16,320	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16,298	NA
Intel Xeon E5-1660 v4 @ 3.20GHz	16,205	NA
Intel Xeon E5-2660 v3 @ 2.60GHz	16,151	\$1,599.99
Intel Xeon E5-2667 v2 @ 3.30GHz	16,120	\$763.56
Intel Xeon E5-2667 v3 @ 3.20GHz	16,119	\$2,259.95*
Intel Xeon E5-2692 v2 @ 2.20GHz	16,018	NA
Intel Core i7-8700K @ 3.70GHz	15,997	\$347.88
Intel Core i7-5960X @ 3.00GHz	15,976	\$799.99
Intel Xeon E5-2695 v2 @ 2.40GHz	15,847	\$3,593.22
Intel Xeon E5-2650 v4 @ 2.20GHz	15,838	\$1,258.99
Intel Xeon E5-2680 v2 @ 2.80GHz	15,789	\$349.00
Intel Xeon E5-4660 v3 @ 2.10GHz	15,556	\$4,800.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15,516	NA
Intel Xeon E-2186M @ 2.90GHz	15,495	\$623.00*
AMD Ryzen 7 1800X	15,412	\$239.99
AMD Ryzen Threadripper 1900X	15,350	\$429.99
AMD Ryzen 7 PRO 1700X	15,349	NA
AMD Ryzen 7 2700	15,340	\$294.99
Intel Xeon E5-2682 v4 @ 2.50GHz	15,333	NA
Intel Xeon E5-2640 v4 @ 2.40GHz	15,331	\$997.10
Intel Xeon Silver 4116 @ 2.10GHz	15,257	\$1,121.16*
Intel Core i7-8700 @ 3.20GHz	15,247	\$301.99*
Intel Xeon E5-2675 v3 @ 1.80GHz	15,156	NA
Intel Xeon Gold 5120 @ 2.20GHz	15,110	\$1,561.00*
Intel Xeon E5-2670 v2 @ 2.50GHz	15,031	\$492.77
Intel Xeon Gold 6128 @ 3.40GHz	15,022	\$1,697.00*
Intel Xeon E5-2685 v3 @ 2.60GHz	15,004	NA
Intel Xeon E5-2650 v3 @ 2.30GHz	14,880	\$980.49
AMD Ryzen 7 PRO 1700	14,859	NA
Intel Core i9-8950HK @ 2.90GHz	14,851	\$583.00*
Intel Xeon D-1567 @ 2.10GHz	14,693	NA
AMD Ryzen 7 1700X	14,620	\$249.99
Intel Xeon E5-2618L v4 @ 2.20GHz	14,592	\$779.00*
Intel Xeon E-2176M @ 2.70GHz	14,564	\$450.00*
Intel Xeon E5-2649 v3 @ 2.30GHz	14,506	NA
Intel Core i7-7800X @ 3.50GHz	14,487	\$369.99
AMD Ryzen 5 2600X	14,483	\$219.99
Intel Xeon Silver 4114 @ 2.20GHz	14,480	\$744.73*
Intel Xeon E5-1660 v3 @ 3.00GHz	14,423	\$1,616.49*
Intel Xeon E5-2687W @ 3.10GHz	14,405	\$598.74
Intel Core i7-6850K @ 3.60GHz	14,383	\$549.99
Intel Xeon E5-1650 v4 @ 3.60GHz	14,234	\$629.99*
Intel Xeon E5-4627 v3 @ 2.60GHz	14,219	\$2,400.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14,128	NA
Intel Xeon E5-2640 v3 @ 2.60GHz	14,103	\$1,547.27
	14,093	

Intel Xeon E5-2650L v4 @ 1.70GHz		\$1,496.00*
Intel Xeon W-2133 @ 3.60GHz	14,081	\$617.00*
Intel Xeon E5-2663 v3 @ 2.80GHz	13,994	NA
Intel Xeon E5-2690 @ 2.90GHz	13,980	\$202.00
Intel Xeon D-1587 @ 1.70GHz	13,950	NA
Intel Xeon E5-2630 v4 @ 2.20GHz	13,911	\$690.00
Intel Core i7-8850H @ 2.60GHz	13,883	\$395.00*
Intel Core i7-4960X @ 3.60GHz	13,807	\$899.99
Intel Xeon E5-2643 v3 @ 3.40GHz	13,801	\$1,860.00*
AMD Ryzen 7 1700	13,751	\$219.99
Intel Xeon E5-1660 v2 @ 3.70GHz	13,714	\$1,808.95*
Intel Core i7-5930K @ 3.50GHz	13,637	\$499.99
Intel Xeon E5-4669 v4 @ 2.20GHz	13,626	NA
Intel Core i7-6800K @ 3.40GHz	13,610	\$349.99
Intel Xeon E5-1650 v3 @ 3.50GHz	13,607	\$663.96
Intel Xeon E5-2643 v4 @ 3.40GHz	13,600	\$1,625.77
Intel Xeon E5-2689 @ 2.60GHz	13,476	NA
AMD Ryzen 5 2600	13,467	\$189.99
Intel Xeon E5-2650L v3 @ 1.80GHz	13,390	\$1,010.00*
Intel Xeon E5-2648L v4 @ 1.80GHz	13,292	NA
Intel Xeon E5-2660 v2 @ 2.20GHz	13,286	\$305.34*
Intel Xeon E5-2628L v4 @ 1.90GHz	13,268	\$1,364.00*
AMD Ryzen 5 1600X	13,231	\$196.25
Intel Xeon E5-2650 v2 @ 2.60GHz	13,108	\$325.71
Intel Core i7-4930K @ 3.40GHz	13,030	\$599.99
Intel Core i7-5820K @ 3.30GHz	12,996	\$269.99
Intel Xeon E5-2630L v4 @ 1.80GHz	12,847	NA
Intel Core i5-8600K @ 3.60GHz	12,835	\$238.99
Intel Xeon E5-2630 v3 @ 2.40GHz	12,815	\$582.99
Intel Xeon E5-4640 v3 @ 1.90GHz	12,703	NA
Intel Xeon E5-1650 v2 @ 3.50GHz	12,692	\$644.95*
Intel Core i7-8700T @ 2.40GHz	12,672	\$334.09
Intel Core i7-3970X @ 3.50GHz	12,661	\$435.00
Intel Xeon E5-2680 @ 2.70GHz	12,654	\$173.51
Intel Core i7-3960X @ 3.30GHz	12,626	\$784.78
Intel Core i7-8750H @ 2.20GHz	12,526	\$395.00*
Intel Xeon E5-2618L v3 @ 2.30GHz	12,508	NA
Intel Xeon E5-1660 @ 3.30GHz	12,364	\$1,226.66*
Intel Xeon W-2125 @ 4.00GHz	12,348	\$444.00*
Intel Xeon E5-2643 v2 @ 3.50GHz	12,324	\$2,509.00
Intel Xeon E5-4655 v3 @ 2.90GHz	12,292	\$4,616.00*
AMD Ryzen 5 1600	12,288	\$169.99
Intel Core i7-7740X @ 4.30GHz	12,257	\$351.80
AMD Ryzen 5 PRO 1600	12,213	NA
Intel Xeon E5-2670 @ 2.60GHz	12,209	\$244.20
Intel Xeon E5-4650 @ 2.70GHz	12,085	\$491.80*
Intel Core i5-8600 @ 3.10GHz	12,074	\$266.81
Intel Core i5-8500 @ 3.00GHz	12,072	\$242.16*
Intel Core i7-7700K @ 4.20GHz	12,054	\$314.79
Intel Core i7-3930K @ 3.20GHz	12,012	\$299.99
	11,965	

Intel Xeon E5-2628L v3 @ 2.00GHz		11,869	NA
Intel Xeon Silver 4110 @ 2.10GHz		11,821	\$540.08*
Intel Xeon E5-4650L @ 2.60GHz		11,776	\$8,684.50*
Intel Xeon E5-2665 @ 2.40GHz		11,769	\$141.50*
Intel Xeon E5-1650 @ 3.20GHz		11,768	\$175.00
Intel Core i5-8400 @ 2.80GHz		11,768	\$242.16
Intel Xeon E3-1285 v6 @ 4.10GHz		11,689	\$450.00*
Intel Xeon E5-2648L v3 @ 1.80GHz		11,392	\$1,352.91
Intel Xeon E3-1280 v6 @ 3.90GHz		11,371	NA
Intel Xeon E5-2620 v4 @ 2.10GHz		11,360	\$442.00
Intel Xeon E5-2651 v2 @ 1.80GHz		11,275	NA
Intel Xeon E3-1285L v4 @ 3.40GHz		11,224	NA
Intel Core i7-4790K @ 4.00GHz		11,186	\$359.99
Intel Xeon E3-1270 v6 @ 3.80GHz		11,115	\$349.99
Intel Core i7-6700K @ 4.00GHz		11,113	\$399.99
Intel Xeon E5-2660 @ 2.20GHz		11,112	\$102.00
Intel Xeon Gold 5122 @ 3.60GHz		11,104	\$1,294.99*
Intel Xeon E5-4648 v3 @ 1.70GHz		11,097	NA
Intel Core i7-8809G @ 3.10GHz		11,066	NA
Intel Xeon D-1541 @ 2.10GHz		11,056	NA
Intel Xeon E3-1275 v6 @ 3.80GHz		11,047	\$376.61
Intel Xeon E5-2629 v3 @ 2.40GHz		11,022	NA
Intel Core i7-5775C @ 3.30GHz		11,009	\$389.99
Intel Core i5-8600T @ 2.30GHz		10,995	\$255.29
Intel Core i7-5950HQ @ 2.90GHz		10,949	NA
AMD Ryzen 5 PRO 1500		10,868	NA
Intel Xeon Silver 4109T @ 2.00GHz		10,854	\$501.00*
Intel Core i7-5775R @ 3.30GHz		10,848	NA
Intel Xeon W-2123 @ 3.60GHz		10,834	\$325.03*
Intel Core i7-7700 @ 3.60GHz		10,772	\$302.59
AMD Opteron 6386 SE		10,748	\$149.99
Intel Xeon E3-1585 v5 @ 3.50GHz		10,743	NA
Intel Xeon E3-1575M v5 @ 3.00GHz		10,736	NA
Intel Xeon E3-1585L v5 @ 3.00GHz		10,689	\$445.00*
AMD EPYC 7251 8-Core		10,679	\$510.92
Intel Xeon E3-1280 v5 @ 3.70GHz		10,666	\$655.26
Intel Xeon E3-1285 v4 @ 3.50GHz		10,641	NA
Intel Xeon E3-1535M v6 @ 3.10GHz		10,635	NA
Intel Xeon D-1540 @ 2.00GHz		10,573	NA
Intel Xeon E5-4640 @ 2.40GHz		10,523	\$2,730.00*
Intel Xeon E3-1515M v5 @ 2.80GHz		10,509	NA
Intel Xeon E5-2637 v4 @ 3.50GHz		10,468	\$1,133.93
Intel Xeon E3-1245 v6 @ 3.70GHz		10,462	\$299.53
Intel Xeon E3-1545M v5 @ 2.90GHz		10,442	NA
Intel Xeon E3-1240 v5 @ 3.50GHz		10,412	\$341.67*
Intel Xeon E5-2630 v2 @ 2.60GHz		10,402	\$159.00
Intel Xeon E3-1275 v5 @ 3.60GHz		10,376	\$389.74
Intel Core i7-8705G @ 3.10GHz		10,363	NA
Intel Core i5-8500T @ 2.10GHz		10,359	\$321.99*
Intel Core i5-8400H @ 2.50GHz		10,353	\$250.00*
		10,342	

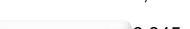
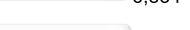
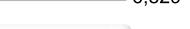
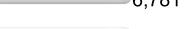
Intel Xeon E3-1270 v5 @ 3.60GHz		\$364.98
Intel Xeon E5-2667 @ 2.90GHz	10,327	\$226.00
Intel Xeon E5-1630 v4 @ 3.70GHz	10,300	NA
Intel Xeon E3-1281 v3 @ 3.70GHz	10,295	\$877.75*
Intel Xeon E5-1630 v3 @ 3.70GHz	10,276	\$597.85*
Intel Xeon E3-1285 v3 @ 3.60GHz	10,256	NA
Intel Xeon E3-1245 v5 @ 3.50GHz	10,248	\$345.31*
Intel Xeon E3-1276 v3 @ 3.60GHz	10,223	\$1,080.00
AMD Ryzen 5 PRO 2400G	10,204	NA
Intel Core i7-4980HQ @ 2.80GHz	10,202	NA
AMD FX-9590 Eight-Core	10,197	\$99.99
Intel Xeon E5-2450 @ 2.10GHz	10,186	\$722.22*
AMD Ryzen 5 PRO 2400GE	10,178	NA
Intel Xeon E3-1240 v6 @ 3.70GHz	10,176	\$289.99
Intel Xeon E5-2650 @ 2.00GHz	10,159	\$119.66
Intel Core i7-7920HQ @ 3.10GHz	10,158	NA
Intel Xeon E3-1260L v5 @ 2.90GHz	10,136	\$595.81
AMD Ryzen 5 1500X	10,134	\$149.99
Intel Xeon E3-1286L v3 @ 3.20GHz	10,129	\$774.00*
Intel Xeon E5-2637 v3 @ 3.50GHz	10,128	\$1,295.95*
Intel Core i7-4770K @ 3.50GHz	10,102	\$289.98
AMD Opteron 6380	10,081	\$149.99
Intel Xeon E3-1271 v3 @ 3.60GHz	10,077	\$888.00*
Intel Xeon E5-2470 @ 2.30GHz	10,061	\$316.72*
Intel Core i7-7820HK @ 2.90GHz	10,053	NA
Intel Xeon E3-1241 v3 @ 3.50GHz	10,034	\$503.22
Intel Xeon E3-1285L v3 @ 3.10GHz	10,024	\$805.00
Intel Core i7-6700 @ 3.40GHz	10,011	\$304.18
Intel Core i7-4790 @ 3.60GHz	9,995	\$279.99
Intel Xeon E5-2620 v3 @ 2.40GHz	9,980	\$710.54
Intel Xeon E5-1620 v4 @ 3.50GHz	9,979	\$299.99
Intel Xeon E3-1505M v6 @ 3.00GHz	9,972	NA
Intel Xeon E3-1230 v6 @ 3.50GHz	9,947	\$269.99
Intel Xeon E5-2640 v2 @ 2.00GHz	9,904	\$480.68
Intel Core i7-4940MX @ 3.10GHz	9,900	\$659.95*
Intel Xeon E3-1286 v3 @ 3.70GHz	9,899	\$839.00*
Intel Xeon E3-1246 v3 @ 3.50GHz	9,894	\$798.00
Intel Xeon E3-1270 v3 @ 3.50GHz	9,877	\$369.99*
Intel Core i7-4771 @ 3.50GHz	9,877	\$299.99
Intel Xeon E3-1275 v3 @ 3.50GHz	9,864	\$400.99*
Intel Core i7-4770R @ 3.20GHz	9,828	NA
Intel Core i7-995X @ 3.60GHz	9,791	NA
Intel Core i7-4770 @ 3.40GHz	9,790	\$239.99
AMD Opteron 6287 SE	9,789	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9,780	NA
Intel Core i7-4960HQ @ 2.60GHz	9,778	\$623.00*
Intel Xeon E5-1620 v3 @ 3.50GHz	9,762	\$358.70*
Intel Xeon E3-1230 v5 @ 3.40GHz	9,756	\$299.80*
Intel Xeon E3-1290 V2 @ 3.70GHz	9,749	\$885.00*
Intel Xeon D-1531 @ 2.20GHz	9,730	\$348.00*
	9,725	

Intel Core i7-4820K @ 3.70GHz		\$709.99
Intel Xeon E3-1280 v3 @ 3.60GHz	9,720	\$697.36*
Intel Core i7-6770HQ @ 2.60GHz	9,711	\$1,001.88*
Intel Xeon E3-1240 v3 @ 3.40GHz	9,702	\$384.40*
Intel Core i5-7640X @ 4.00GHz	9,671	\$225.03
Intel Core i5-8400T @ 1.70GHz	9,644	\$441.26
Intel Xeon E3-1231 v3 @ 3.40GHz	9,634	\$289.00
Intel Core i7-6920HQ @ 2.90GHz	9,619	NA
Intel Xeon E3-1245 v3 @ 3.40GHz	9,576	\$339.95
Intel Core i7-4790S @ 3.20GHz	9,563	\$399.99
Intel Core i7-3770K @ 3.50GHz	9,527	\$531.00
Intel Core i7-4930MX @ 3.00GHz	9,516	\$1,096.00*
Intel Xeon E5-2640 @ 2.50GHz	9,500	\$194.69
Intel Xeon E5-1620 v2 @ 3.70GHz	9,496	\$329.00
Intel Xeon E5-2658 @ 2.10GHz	9,484	\$1,462.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9,484	\$287.22
Intel Xeon E5-2630L v3 @ 1.80GHz	9,476	\$751.92*
AMD FX-9370 Eight-Core	9,470	\$385.31
Intel Xeon E5-2637 v2 @ 3.50GHz	9,465	\$1,649.22
Intel Core i7-5850HQ @ 2.70GHz	9,459	NA
Intel Core i7-4910MQ @ 2.90GHz	9,442	\$459.95*
Intel Xeon E3-1280 V2 @ 3.60GHz	9,439	\$1,512.82
Intel Xeon E5-2440 v2 @ 1.90GHz	9,425	\$400.00*
Intel Core i7-7820HQ @ 2.90GHz	9,417	NA
AMD Opteron 6376	9,414	\$599.00
Intel Xeon E5-2628L v2 @ 1.90GHz	9,405	NA
AMD Ryzen 7 PRO 2700U	9,402	NA
Intel Core i7-4870HQ @ 2.50GHz	9,344	NA
Intel Core i7-4770S @ 3.10GHz	9,340	\$666.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9,339	\$259.99
Intel Core i5-8300H @ 2.30GHz	9,330	\$250.00*
Intel Xeon E3-1230 v3 @ 3.30GHz	9,325	\$261.66*
Intel Core i7-7700T @ 2.90GHz	9,323	\$352.85
AMD Ryzen 5 2400G	9,308	\$159.00
Intel Core i7-3940XM @ 3.00GHz	9,308	\$539.00
Intel Xeon E3-1535M v5 @ 2.90GHz	9,301	NA
Intel Core i7-3770 @ 3.40GHz	9,298	\$179.99
AMD Ryzen 5 PRO 2500U	9,259	NA
Intel Core i7-4860HQ @ 2.40GHz	9,234	NA
Intel Core i3-8350K @ 4.00GHz	9,234	\$183.99
Intel Xeon W3690 @ 3.47GHz	9,207	\$2,260.61*
Intel Xeon E5-2440 @ 2.40GHz	9,178	\$745.00*
Intel Xeon E3-1240 V2 @ 3.40GHz	9,152	\$449.56
Intel Core i7-3920XM @ 2.90GHz	9,151	\$1,096.00*
Intel Core i5-7600K @ 3.80GHz	9,149	\$229.99
Intel Core i7-6820HK @ 2.70GHz	9,140	NA
Intel Xeon E3-1245 V2 @ 3.40GHz	9,117	\$607.59
AMD Opteron 6282 SE	9,116	\$1,089.99*
Intel Core i7-990X @ 3.47GHz	9,101	\$509.00
Intel Xeon W3680 @ 3.33GHz	9,098	\$459.95*
	9,068	

Intel Xeon E5-1620 @ 3.60GHz	9,065	\$510.00
Intel Core i7-4790T @ 2.70GHz	9,052	\$359.00*
Intel Core i7-4900MQ @ 2.80GHz	9,034	\$609.29*
Intel Core i7-6700T @ 2.80GHz	9,025	\$269.99*
Intel Core i7-8650U @ 1.90GHz	9,023	NA
AMD FX-8370 Eight-Core	9,011	\$163.78
AMD Opteron 6276	9,004	\$308.89
Intel Core i7-3820 @ 3.60GHz	9,001	\$199.99
Intel Core i7-4850HQ @ 2.30GHz	9,001	\$434.00*
Intel Xeon X5690 @ 3.47GHz	8,977	\$159.51
Intel Core i7-6820EQ @ 2.80GHz	8,968	NA
Intel Xeon E5-2448L v2 @ 1.80GHz	8,954	\$1,424.00*
AMD FX-8350 Eight-Core	8,950	\$79.99
Intel Core i7-4770HQ @ 2.20GHz	8,948	NA
Intel Xeon E5-2623 v3 @ 3.00GHz	8,937	\$404.99*
Intel Xeon E3-1505M v5 @ 2.80GHz	8,902	NA
Intel Core i7-3770S @ 3.10GHz	8,879	\$199.99
Intel Core i7-7700HQ @ 2.80GHz	8,860	NA
Intel Xeon E5-2630 @ 2.30GHz	8,859	\$128.14*
Intel Xeon E3-1230 V2 @ 3.30GHz	8,856	\$359.95
Intel Xeon X5679 @ 3.20GHz	8,845	NA
Intel Xeon E5-2430 v2 @ 2.50GHz	8,833	\$548.99*
Intel Xeon E3-1275L v3 @ 2.70GHz	8,827	NA
Intel Core i7-6700TE @ 2.40GHz	8,818	NA
Intel Core i7-980X @ 3.33GHz	8,809	\$219.99
Intel Core i5-7600 @ 3.50GHz	8,808	\$224.19
Intel Core i7-3840QM @ 2.80GHz	8,803	\$335.00
Intel Core i7-6820HQ @ 2.70GHz	8,784	NA
Intel Core i3-8300 @ 3.70GHz	8,762	\$138.00*
Intel Core i7-2700K @ 3.50GHz	8,723	\$199.99
Intel Xeon E3-1265L v3 @ 2.50GHz	8,713	\$709.95
Intel Xeon E3-1290 @ 3.60GHz	8,699	\$885.00*
Intel Xeon E3-1268L v5 @ 2.40GHz	8,695	\$377.00*
Intel Core i7-980 @ 3.33GHz	8,692	\$699.99
Intel Xeon E5-2620 v2 @ 2.10GHz	8,688	\$364.64
Intel Xeon E5-4617 @ 2.90GHz	8,684	\$89.90*
Intel Xeon E5-2650L @ 1.80GHz	8,676	\$79.00
Intel Core i7-4810MQ @ 2.80GHz	8,663	\$424.95*
Intel Xeon E5-2420 v2 @ 2.20GHz	8,647	\$579.95
Intel Core i7-4770T @ 2.50GHz	8,634	\$399.99
Intel Xeon X5680 @ 3.33GHz	8,605	\$129.95
Intel Core i7-4760HQ @ 2.10GHz	8,595	NA
Intel Xeon Silver 4112 @ 2.60GHz	8,548	\$529.21*
AMD Ryzen 5 2400GE	8,513	NA
Intel Core i7-4800MQ @ 2.70GHz	8,502	\$509.95*
Intel Xeon X5675 @ 3.07GHz	8,484	\$239.00
Intel Xeon E5-2643 @ 3.30GHz	8,479	\$528.40
Intel Xeon E3-1280 @ 3.50GHz	8,473	\$368.00
Intel Core i7-2600K @ 3.40GHz	8,454	\$279.99
Intel Core i7-3820QM @ 2.70GHz	8,451	\$486.99*
	8,428	

AMD Ryzen 5 1400		\$144.87
Intel Core i7-970 @ 3.20GHz	8,409	\$544.64
Intel Core i7-5700HQ @ 2.70GHz	8,367	NA
Intel Xeon E3-1275 @ 3.40GHz	8,348	\$304.00
Intel Core i7-3740QM @ 2.70GHz	8,338	\$239.95*
Intel Core i7-8550U @ 1.80GHz	8,329	NA
AMD Ryzen 3 PRO 1300	8,300	NA
Intel Xeon E3-1225 v6 @ 3.30GHz	8,294	\$234.99
Intel Core i7-4750HQ @ 2.00GHz	8,284	NA
Intel Xeon E5-2450L @ 1.80GHz	8,261	\$64.99
Intel Core i5-8350U @ 1.70GHz	8,255	\$297.00*
Intel Xeon E3-1270 @ 3.40GHz	8,240	\$317.00
Intel Core i7-5700EQ @ 2.60GHz	8,239	NA
Intel Core i5-5675C @ 3.10GHz	8,201	\$611.32*
Intel Core i7-2600 @ 3.40GHz	8,199	\$169.98
Intel Core i7-3770T @ 2.50GHz	8,190	\$329.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8,188	\$549.00*
Intel Core i7-5675C @ 3.10GHz	8,164	NA
AMD Ryzen 3 PRO 2200	8,164	NA
Intel Xeon W3670 @ 3.20GHz	8,152	\$565.00*
Intel Core i7-6700HQ @ 2.60GHz	8,136	\$1,509.00*
Intel Core i5-7600T @ 2.80GHz	8,130	\$251.39
Intel Xeon E5-4620 @ 2.20GHz	8,127	\$3,519.97*
Intel Core i7-3720QM @ 2.60GHz	8,124	\$334.72*
Intel Core i3-8100 @ 3.60GHz	8,084	\$119.99
Intel Xeon D-1559 @ 1.50GHz	8,055	NA
Intel Core i5-5675R @ 3.10GHz	8,054	NA
Intel Core i7-4722HQ @ 2.40GHz	8,052	NA
Intel Core i5-6600K @ 3.50GHz	8,051	\$222.99
Intel Xeon E3-1245 @ 3.30GHz	8,048	\$255.00
Intel Core i5-7500 @ 3.40GHz	8,041	\$203.49
Intel Xeon E3-1220 v6 @ 3.00GHz	8,035	\$209.99
AMD FX-8320 Eight-Core	8,018	\$88.00
Intel Core i7-4720HQ @ 2.60GHz	8,010	NA
Intel Core i3-8300T @ 3.20GHz	8,009	\$227.99*
Intel Xeon E5-2630L @ 2.00GHz	8,001	NA
Intel Core i7-4710MQ @ 2.50GHz	7,986	\$271.57*
AMD Ryzen 3 PRO 2200GE	7,960	NA
Intel Xeon E3-1240 @ 3.30GHz	7,955	\$162.87
Intel Xeon D-1528 @ 1.90GHz	7,946	NA
Intel Xeon X5670 @ 2.93GHz	7,946	\$72.95
Intel Xeon E5-2620 @ 2.00GHz	7,935	\$99.42
Intel Core i7-4860EQ @ 1.80GHz	7,925	NA
Intel Xeon E3-1230 @ 3.20GHz	7,908	\$215.00
Intel Xeon E3-1268L v3 @ 2.30GHz	7,850	NA
AMD Opteron 6328	7,813	\$509.98
AMD FX-8370E Eight-Core	7,799	\$242.40
Intel Xeon E3-1240L v5 @ 2.10GHz	7,793	\$278.00*
Intel Xeon E3-1225 v5 @ 3.30GHz	7,793	\$249.99
Intel Core i5-4690K @ 3.50GHz	7,792	\$218.98
	7,785	

Intel Xeon E3-1265L V2 @ 2.50GHz	7,180	\$142.42*
Intel Xeon E5-2608L v3 @ 2.00GHz	7,768	\$441.00*
Intel Core i5-6600 @ 3.30GHz	7,758	\$219.99
AMD FX-8310 Eight-Core	7,752	NA
Intel Core i7-4710HQ @ 2.50GHz	7,745	NA
Intel Core i7-4700HQ @ 2.40GHz	7,737	\$383.00*
Intel Xeon E3-1220 v5 @ 3.00GHz	7,736	\$245.51
Intel Xeon D-1537 @ 1.70GHz	7,731	\$571.00*
AMD FX-8300 Eight-Core	7,715	\$83.20
Intel Core i5-7440HQ @ 2.80GHz	7,706	NA
Intel Core i7-4700MQ @ 2.40GHz	7,694	\$189.00*
Intel Xeon E3-1235 @ 3.20GHz	7,680	\$244.00
Intel Core i5-8250U @ 1.60GHz	7,659	NA
Intel Core i5-4690 @ 3.50GHz	7,647	\$199.99
Intel Xeon X5660 @ 2.80GHz	7,640	\$136.98*
Intel Core i5-4670K @ 3.40GHz	7,630	\$240.00
AMD FX-8150 Eight-Core	7,624	\$383.50*
AMD Ryzen 5 2500U	7,619	NA
Intel Core i7-4785T @ 2.20GHz	7,608	NA
Intel Core i7-3630QM @ 2.40GHz	7,587	\$239.00*
AMD Ryzen 7 2700U	7,558	NA
AMD FX-8320E Eight-Core	7,540	\$109.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7,522	\$503.04
Intel Core i7-4712HQ @ 2.30GHz	7,513	NA
Intel Xeon E3-1240L v3 @ 2.00GHz	7,510	NA
AMD Opteron 6366 HE	7,503	\$1,010.00
AMD Ryzen 3 1300X	7,493	\$129.00
Intel Core i7-4702HQ @ 2.20GHz	7,485	NA
Intel Core i7-3610QM @ 2.30GHz	7,470	\$399.99*
Intel Core i5-5575R @ 2.80GHz	7,434	NA
Intel Xeon X5650 @ 2.67GHz	7,431	\$38.39
Intel Xeon E5-1410 v2 @ 2.80GHz	7,430	NA
Intel Core i5-4670 @ 3.40GHz	7,426	\$188.99
Intel Core i5-4690S @ 3.20GHz	7,424	\$569.00*
Intel Core i5-4670K CPT @ 3.40GHz	7,411	NA
Intel Core i5-7400 @ 3.00GHz	7,385	\$179.33
Intel Core i7-3615QM @ 2.30GHz	7,374	NA
AMD Ryzen 3 2200G	7,362	\$96.00
Intel Core i7-3615QE @ 2.30GHz	7,340	NA
AMD Opteron 6238	7,316	\$1,088.11*
Intel Xeon E5-1410 @ 2.80GHz	7,312	NA
Intel Core i5-6600T @ 2.70GHz	7,310	\$183.99
Intel Core i7-4765T @ 2.00GHz	7,305	\$269.99*
Intel Core i5-4590 @ 3.30GHz	7,284	\$189.98
Intel Xeon E5-2430L @ 2.00GHz	7,269	\$103.99*
Intel Xeon E5-1607 v4 @ 3.10GHz	7,249	NA
Intel Core i5-6500 @ 3.20GHz	7,236	\$198.00
Intel Xeon E3-1230L v3 @ 1.80GHz	7,231	\$287.90
AMD Ryzen 3 PRO 2300U	7,221	NA
Intel Xeon E3-1225 v3 @ 3.20GHz	7,191	\$458.34

Intel Core i7-4700EQ @ 2.40GHz		NA
Intel Core i5-3570K @ 3.40GHz	 7,167	\$159.99
Intel Core i7-4712MQ @ 2.30GHz	 7,164	NA
Intel Core i7-2960XM @ 2.70GHz	 7,154	\$409.95*
Intel Xeon E5-2420 @ 1.90GHz	 7,139	\$374.80
Intel Core i7-4702MQ @ 2.20GHz	 7,137	\$335.07
Intel Core i5-4570 @ 3.20GHz	 7,109	\$179.99
Intel Core i5-6402P @ 2.80GHz	 7,106	\$189.99*
Intel Xeon X5687 @ 3.60GHz	 7,094	\$72.89
Intel Core i5-3570 @ 3.40GHz	 7,093	\$139.99
Intel Xeon E3-1505L v5 @ 2.00GHz	 7,082	NA
Intel Core i5-7500T @ 2.70GHz	 7,080	\$226.98
Intel Core i7-2600S @ 2.80GHz	 7,079	\$199.99
Intel Xeon E3-1220 v3 @ 3.10GHz	 7,074	\$240.00
AMD Ryzen 3 PRO 1200	 7,069	NA
Intel Core i7-2920XM @ 2.50GHz	 7,044	\$608.95*
Intel Core i7-2860QM @ 2.50GHz	 7,007	\$599.99*
Intel Xeon W-2102 @ 2.90GHz	 7,007	\$337.99*
Intel Core i5-4590S @ 3.00GHz	 7,002	\$370.99
AMD FX-6350 Six-Core	 6,988	\$115.98
Intel Xeon D-1521 @ 2.40GHz	 6,980	NA
Intel Core i7-3632QM @ 2.20GHz	 6,938	\$335.00*
Intel Xeon E5649 @ 2.53GHz	 6,936	\$109.79*
AMD FX-6330 Six-Core	 6,935	NA
Intel Core i5-3550 @ 3.30GHz	 6,931	\$205.50
Intel Xeon X5677 @ 3.47GHz	 6,931	\$350.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	 6,931	NA
Intel Xeon E5-2609 v4 @ 1.70GHz	 6,920	\$434.00*
Intel Xeon E5-2430 @ 2.20GHz	 6,878	\$533.22
Intel Core i5-3550S @ 3.00GHz	 6,845	\$230.51*
Intel Xeon E3-1225 V2 @ 3.20GHz	 6,845	\$506.59
Intel Xeon L5639 @ 2.13GHz	 6,835	NA
Intel Core i5-7300HQ @ 2.50GHz	 6,834	NA
Intel Core i7-3612QM @ 2.10GHz	 6,829	NA
AMD Ryzen 3 1200	 6,815	\$99.99
AMD Opteron 6220	 6,785	\$210.00
Intel Core i5-6440HQ @ 2.60GHz	 6,781	NA
Intel Core i5-4570S @ 2.90GHz	 6,777	\$409.95
Intel Core i7-2840QM @ 2.40GHz	 6,766	NA
Intel Core i5-6400 @ 2.70GHz	 6,759	\$159.00
AMD Opteron 6272	 6,748	\$312.40
Intel Core i5-4570R @ 2.70GHz	 6,727	NA
Intel Core i5-4460 @ 3.20GHz	 6,705	\$179.99
Intel Core i5-2550K @ 3.40GHz	 6,700	\$99.99
Intel Xeon E3-1220 V2 @ 3.10GHz	 6,692	\$410.80
Intel Core i5-3570S @ 3.10GHz	 6,691	\$285.00
Intel Core i5-3470 @ 3.20GHz	 6,680	\$127.67
Intel Core i7-3635QM @ 2.40GHz	 6,669	NA
AMD Opteron 4284	 6,660	\$357.30*
Intel Core i7-985 @ 3.47GHz	 6,641	NA
	 6,634	

Intel Core i7-2820QM @ 2.30GHz	6,251.04*
Intel Xeon E5-2430L v2 @ 2.40GHz	NA
Intel Core i3-7350K @ 4.20GHz	\$179.99
Intel Core i5-3475S @ 2.90GHz	\$135.50
Intel Core i7-4770TE @ 2.30GHz	NA
AMD FX-8120 Eight-Core	\$179.99*
Intel Core i5-6500TE @ 2.30GHz	NA
Intel Core i7-2760QM @ 2.40GHz	\$139.95*
Intel Core i7-3612QE @ 2.10GHz	NA
Intel Core i3-7320 @ 4.10GHz	\$179.90*
Intel Core i7-7567U @ 3.50GHz	NA
Intel Xeon E3-1260L @ 2.40GHz	\$97.78
Intel Core i5-3450 @ 3.10GHz	\$129.99
Intel Xeon E5645 @ 2.40GHz	\$75.63
Intel Core i5-4440 @ 3.10GHz	\$169.99
Intel Core i5-2500K @ 3.30GHz	\$139.99
Intel Xeon E3-1235L v5 @ 2.00GHz	NA
Intel Core i5-4690T @ 2.50GHz	NA
Intel Core i7-3610QE @ 2.30GHz	NA
Intel Xeon L5640 @ 2.27GHz	\$34.75*
Intel Core i3-7300 @ 4.00GHz	\$158.89*
Intel Core i5-7400T @ 2.40GHz	\$149.00
Intel Xeon X5672 @ 3.20GHz	\$115.12*
Intel Core i5-4670S @ 3.10GHz	NA
Intel Xeon W3580 @ 3.33GHz	\$214.50*
AMD Opteron 4280	\$456.44*
Intel Core i7-6822EQ @ 2.00GHz	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	NA
Intel Core i5-4460S @ 2.90GHz	\$659.99*
AMD Opteron 3380	\$809.00*
AMD FX-6300 Six-Core	\$64.99
Intel Core i5-3470S @ 2.90GHz	\$141.56
Intel Core i5-2500 @ 3.30GHz	\$157.99
Intel Core i5-4430 @ 3.00GHz	\$179.99
Intel Core i5-6500T @ 2.50GHz	NA
AMD FX-6130 Six-Core	NA
Intel Core i5-4670T @ 2.30GHz	\$213.00
Intel Core i5-3450S @ 2.80GHz	\$99.99
AMD PRO A12-9800	\$169.00*
Intel Core i5-4440S @ 2.80GHz	\$462.97*
Intel Xeon E5-1607 v2 @ 3.00GHz	\$313.00*
Intel Xeon W5590 @ 3.33GHz	\$1,540.10*
Intel Xeon E5-1603 v3 @ 2.80GHz	NA
AMD Opteron 6174	\$10.99
Intel Core i5-3350P @ 3.10GHz	\$287.00
Intel Core i7-975 @ 3.33GHz	\$169.99
AMD Opteron 4334	\$216.42*
Intel Core i5-2450P @ 3.20GHz	\$89.99
AMD FX-6200 Six-Core	\$339.95
Intel Core i7-2720QM @ 2.20GHz	\$189.95*
	6,098

Intel Xeon W3570 @ 3.20GHz	6,084	\$479.95*
Intel Core i5-6300HQ @ 2.30GHz	6,082	NA
Intel Core i7-7660U @ 2.50GHz	6,078	NA
Intel Core i5-3340 @ 3.10GHz	6,072	\$262.01
Intel Xeon E3-1220 @ 3.10GHz	6,067	\$190.00
AMD PRO A12-8870	6,045	NA
Intel Core i3-6320 @ 3.90GHz	6,038	\$152.99
Intel Xeon E3-1265L @ 2.40GHz	6,018	\$918.35*
AMD FX-8100 Eight-Core	5,980	\$142.00*
Intel Xeon X5647 @ 2.93GHz	5,979	\$199.75*
AMD Opteron 6234	5,979	\$399.99*
Intel Core i5-7360U @ 2.30GHz	5,960	NA
Intel Core i5-2400 @ 3.10GHz	5,949	\$83.99
Intel Xeon W3565 @ 3.20GHz	5,945	\$69.95
Intel Xeon E5-2609 v3 @ 1.90GHz	5,940	\$448.02
AMD Opteron 3365	5,929	NA
Intel Core i5-3330 @ 3.00GHz	5,926	\$359.95*
Intel Xeon E3-1225 @ 3.10GHz	5,918	\$175.00
Intel Core i5-4430S @ 2.70GHz	5,910	\$147.99*
Intel Core i7-2670QM @ 2.20GHz	5,900	\$259.00*
Intel Core i5-3570T @ 2.30GHz	5,877	NA
Intel Core i7-7560U @ 2.40GHz	5,874	NA
Intel Xeon E5-1607 @ 3.00GHz	5,866	\$21.99
Intel Core i7-965 @ 3.20GHz	5,860	\$139.99
AMD FX-8140 Eight-Core	5,854	NA
Intel Core i3-6300 @ 3.80GHz	5,853	\$137.84
AMD PRO A10-8850B	5,852	NA
Intel Xeon W5580 @ 3.20GHz	5,836	\$103.88*
Intel Core i7-960 @ 3.20GHz	5,829	\$99.99
Intel Core i5-3340S @ 2.80GHz	5,819	\$149.99
Intel Atom C3955 @ 2.10GHz	5,803	\$434.00*
Intel Core i3-7100 @ 3.90GHz	5,790	\$114.99
Intel Core i5-3335S @ 2.70GHz	5,788	NA
Intel Core i5-6440EQ @ 2.70GHz	5,778	NA
AMD Opteron 6212	5,776	\$209.50*
Intel Core i7-2710QE @ 2.10GHz	5,768	NA
Intel Xeon D-1520 @ 2.20GHz	5,755	NA
Intel Core i5-2320 @ 3.00GHz	5,754	\$259.95
AMD FX-6120 Six-Core	5,747	NA
AMD A10-7890K	5,746	\$251.22
AMD Phenom II X6 1100T	5,745	\$249.99
Intel Pentium Gold G5600 @ 3.90GHz	5,726	\$93.00*
AMD PRO A10-8770	5,707	NA
Intel Xeon W3550 @ 3.07GHz	5,706	\$24.99
Intel Core i5-7260U @ 2.20GHz	5,705	NA
AMD PRO A10-9700	5,683	\$169.00*
Intel Core i5-2380P @ 3.10GHz	5,679	\$180.00
Intel Xeon X5570 @ 2.93GHz	5,679	\$44.99
Intel Core i5-3330S @ 2.70GHz	5,664	\$99.99
Intel Xeon X3480 @ 3.07GHz	5,657	NA
	5,656	

Intel Core i5-7287U @ 3.30GHz		NA
AMD PRO A10-8750B	5,646	NA
Intel Core i7-6567U @ 3.30GHz	5,639	NA
AMD A10-8850	5,616	NA
AMD Opteron 4332 HE	5,614	NA
Intel Core i7-880 @ 3.07GHz	5,610	\$583.00*
Intel Core i3-4370 @ 3.80GHz	5,599	\$449.97
Intel Core i5-6400T @ 2.20GHz	5,598	\$169.00
AMD Phenom II X6 1090T	5,594	\$396.08*
AMD Athlon X4 880K	5,589	\$83.24*
Intel Core i5-4590T @ 2.00GHz	5,580	NA
Intel Core i7-950 @ 3.07GHz	5,562	\$245.00
Intel Xeon L5638 @ 2.00GHz	5,556	\$69.90*
Intel Core i7-2675QM @ 2.20GHz	5,550	NA
Intel Core i7-7600U @ 2.80GHz	5,541	NA
Intel Xeon E5-1603 @ 2.80GHz	5,538	\$164.99*
Intel Core i7-2630QM @ 2.00GHz	5,537	\$129.00*
AMD A12-9800	5,537	\$147.00*
Intel Core i5-2310 @ 2.90GHz	5,525	\$69.98
Intel Core i3-6100 @ 3.70GHz	5,493	\$114.99
AMD A10-7870K	5,481	\$112.01
AMD A10-7850K APU	5,478	\$235.00
Intel Xeon W3540 @ 2.93GHz	5,474	\$359.95*
Intel Xeon E5-2603 v4 @ 1.70GHz	5,473	\$229.99*
AMD A8-8650	5,470	NA
AMD A10 PRO-7850B APU	5,465	NA
AMD A10-9700	5,464	\$89.33
Intel Core i7-2635QM @ 2.00GHz	5,460	NA
AMD PRO A8-8650B	5,457	NA
Intel Core i3-4360 @ 3.70GHz	5,455	\$279.95*
AMD Athlon X4 860K	5,449	\$96.76*
Intel Xeon Bronze 3104 @ 1.70GHz	5,446	\$251.99
Intel Core i7-875K @ 2.93GHz	5,445	\$409.95
Intel Core i3-6098P @ 3.60GHz	5,436	\$133.74*
AMD Athlon X4 845	5,432	\$65.89
AMD Opteron 4386	5,419	\$378.52*
AMD A10 PRO-7800B APU	5,409	NA
Intel Xeon X5550 @ 2.67GHz	5,404	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5,399	\$56.90*
AMD FX-6100 Six-Core	5,377	\$246.00
Intel Core i3-7300T @ 3.50GHz	5,366	NA
Intel Core i7-2715QE @ 2.10GHz	5,365	NA
Intel Core i7-940 @ 2.93GHz	5,362	\$103.99
Intel Xeon W3530 @ 2.80GHz	5,361	\$293.95*
Intel Core i7-870 @ 2.93GHz	5,357	\$290.80
AMD Phenom II X6 1075T	5,351	\$259.99*
AMD Opteron 6164 HE	5,351	NA
Intel Core i5-2300 @ 2.80GHz	5,349	\$82.99*
AMD FX-4350 Quad-Core	5,340	\$114.99
Intel Xeon D-1518 @ 2.20GHz	5,322	NA
	5,321	

AMD PRO A8-9600		\$119.00*
AMD Athlon X4 870K	5,313	\$73.35*
Intel Core i5-2500S @ 2.70GHz	5,310	\$190.00
AMD Athlon X4 950	5,302	\$60.35
AMD Opteron 3280	5,286	\$273.18*
Intel Pentium Gold G5400 @ 3.70GHz	5,270	\$79.99
Intel Xeon E5640 @ 2.67GHz	5,263	\$179.95
Intel Pentium Gold G5500 @ 3.80GHz	5,262	\$82.00*
Intel Core i3-6300T @ 3.30GHz	5,245	\$139.99
Intel Core i3-4340 @ 3.60GHz	5,237	\$169.99

PassMark Software © 2008-2018

** - Last seen price from our affiliates.*

[\[Home\]](#) - [\[Common CPUs\]](#) - [\[Overclocked CPUs\]](#) - [\[Searchable CPU List\]](#) - [\[Graph Notes\]](#)
[\[High-End CPUs\]](#) - [\[High Mid-Range CPUs\]](#) - [\[Low Mid-Range CPUs\]](#) - [\[Low-End CPUs\]](#)
[\[CPU Popularity 90 days\]](#) - [\[Multi CPU Systems\]](#) - [\[Laptop CPUs\]](#) - [\[Desktop CPUs\]](#)
[\[CPU Mega Page - Detailed CPU List\]](#) - [\[Single Thread CPU Performance\]](#)
[\[CPU Mark by Socket Type\]](#) - [\[Manufacturer Market Share\]](#)

Copyright © 2018 PassMark® Software
[International](#) | [Legal disclaimer](#) | [Policies](#) | [Contact Us](#)