


[Home](#)
[Software](#)
[Hardware](#)
[Benchmarks](#)
[Services](#)
[Store](#)
[Support](#)
[Forums](#)
[About Us](#)
[Home](#) » [CPU Benchmarks](#) » High to Mid Range 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 ----](#)


**How does your CPU compare?**

Add your CPU to our benchmark chart  
with **PerformanceTest V9!**

## High Mid Range CPUs

This chart comparing mid range CPUs is made using thousands of **PerformanceTest** benchmark results and is updated daily. Intel CPUs in this chart include the slower Intel Core2 Duo CPUs, Intel Xeon CPUs and Intel Celeron CPUs. AMD CPUs typically in this chart include AMD Mobile CPUs, AMD Turion IIs, AMD Opteron Dual Core CPUs, and AMD Athlon Dual-Core CPUs.

### CPU Mark | Price Performance

(Click to select desired chart)

## PassMark - CPU Mark High Mid Range CPUs - Updated 5th of May 2019

		Price (USD)
Intel Xeon Bronze 3104 @ 1.70GHz	5,664	\$230.99
Intel Xeon X3480 @ 3.07GHz	5,657	NA
Intel Core i5-7287U @ 3.30GHz	5,656	NA
Intel Core i7-6567U @ 3.30GHz	5,656	NA
Intel Core i5-6400T @ 2.20GHz	5,619	\$259.95
AMD Opteron 4332 HE	5,614	NA
Intel Core i5-4590T @ 2.00GHz	5,612	\$209.95*
Intel Core i3-4370 @ 3.80GHz	5,610	\$309.00
AMD A10-8850	5,598	NA
AMD Phenom II X6 1090T	5,569	\$396.08*
Intel Xeon E5-1603 @ 2.80GHz	5,569	\$262.59*
Intel Xeon L5638 @ 2.00GHz	5,556	\$69.90*
Intel Core i7-950 @ 3.07GHz	5,544	\$209.00
AMD Athlon X4 880K	5,544	\$99.99*
Intel Core i5-2310 @ 2.90GHz	5,538	\$186.33*
Intel Core i7-2675QM @ 2.20GHz	5,531	NA
Intel Core i7-2630QM @ 2.00GHz	5,525	\$229.95*
Intel Core i7-880 @ 3.07GHz	5,522	\$583.00*
AMD A12-9800	5,519	\$140.93
Intel Core i3-6100 @ 3.70GHz	5,485	\$139.00
AMD PRO A10-8750B	5,473	NA
Intel Xeon W3540 @ 2.93GHz	5,472	\$19.92*
AMD A10-7870K	5,471	\$226.99*
AMD A10-7850K APU	5,471	\$217.98

AMD A8-8650	5,470	NA
AMD Opteron 6176 SE	5,465	\$159.00*
Intel Core i3-4360 @ 3.70GHz	5,462	\$259.00
Intel Core i7-2635QM @ 2.00GHz	5,456	NA
Intel Xeon E5-2603 v4 @ 1.70GHz	5,451	\$229.99
AMD Athlon 240GE	5,428	\$64.99
Intel Core i7-875K @ 2.93GHz	5,425	\$435.76
Intel Core i3-6098P @ 3.60GHz	5,424	\$133.74*
AMD Athlon X4 845	5,418	\$53.13*
AMD Athlon X4 860K	5,417	\$54.50*
AMD A10-9700	5,415	\$82.51
AMD Opteron 3280	5,403	\$273.18*
Intel Xeon X5560 @ 2.80GHz	5,399	\$46.99
AMD FX-6100 Six-Core	5,388	\$253.00
Intel Xeon X5550 @ 2.67GHz	5,387	\$17.27*
AMD A10 PRO-7850B APU	5,380	NA
Intel Core i3-7300T @ 3.50GHz	5,369	\$181.59*
Intel Core i7-2715QE @ 2.10GHz	5,365	NA
Intel Xeon W3530 @ 2.80GHz	5,359	\$293.95*
Intel Core i5-2300 @ 2.80GHz	5,357	\$79.99*
Intel Core i5-2500S @ 2.70GHz	5,355	\$74.99*
AMD Opteron 6164 HE	5,351	NA
Intel Core i7-940 @ 2.93GHz	5,343	\$103.99*
AMD FX-4350 Quad-Core	5,342	\$430.00
AMD A8-7680	5,335	\$59.99*
AMD Phenom II X6 1075T	5,331	\$112.99*
Intel Core i7-870 @ 2.93GHz	5,329	\$97.25
Intel Xeon D-1518 @ 2.20GHz	5,322	NA
AMD FX-4330	5,321	NA
AMD Athlon X4 870K	5,288	\$79.99*
AMD PRO A8-9600	5,277	\$119.00*
AMD PRO A8-8650B	5,266	NA
AMD Opteron 6172	5,261	\$198.00
Intel Xeon E5640 @ 2.67GHz	5,256	\$59.49*
Intel Core i3-6300T @ 3.30GHz	5,255	\$154.99*
AMD Athlon 220GE	5,252	\$69.99
AMD Athlon X4 950	5,249	\$71.15
Intel Core i3-4340 @ 3.60GHz	5,242	\$189.99
Intel Pentium Gold G5500 @ 3.80GHz	5,224	\$119.00
Intel Pentium G4620 @ 3.70GHz	5,210	\$113.66*
AMD Athlon PRO 200GE	5,204	NA
Intel Xeon E5-2418L @ 2.00GHz	5,202	NA
Intel Core i3-7101TE @ 3.40GHz	5,196	\$117.00*
Intel Core i3-4170 @ 3.70GHz	5,193	\$155.00
Intel Pentium Gold G5400 @ 3.70GHz	5,190	\$74.99
Intel Core i5-7300U @ 2.60GHz	5,189	\$554.94
AMD PRO A12-8870E	5,186	NA
Intel Xeon E5-2603 v3 @ 1.60GHz	5,179	\$163.00
Intel Core i7-7500U @ 2.70GHz	5,158	NA
Intel Xeon E5-2609 v2 @ 2.50GHz	5,149	\$129.99

Intel Core i7-930 @ 2.80GHz	5,136	\$129.99
AMD A10-7700K APU	5,122	\$346.70*
Intel Xeon X3470 @ 2.93GHz	5,114	\$125.43*
AMD A12-9800E	5,104	\$119.99*
Intel Core i7-7600U @ 2.80GHz	5,092	NA
AMD A8-7670K	5,089	\$161.10*
Intel Xeon E5630 @ 2.53GHz	5,088	\$179.95
Intel Core i3-4330 @ 3.50GHz	5,086	\$229.48
Intel Core i5-2405S @ 2.50GHz	5,082	\$208.00*
Intel Pentium G4600 @ 3.60GHz	5,079	\$239.95
AMD A10-8750	5,076	NA
AMD A8-7600 APU	5,070	\$79.99*
Intel Core i3-8130U @ 2.20GHz	5,068	\$281.00*
AMD Embedded R-Series RX-418GD Radeon R6	5,068	NA
AMD PRO A10-9700E	5,066	\$139.00*
AMD A10-7860K	5,066	\$175.00*
Intel Xeon W3520 @ 2.67GHz	5,057	\$28.75*
AMD Ryzen Embedded V1202B	5,051	NA
Intel Core i3-4160 @ 3.60GHz	5,050	\$109.00
Intel Pentium Gold G5400T @ 3.10GHz	5,048	\$64.00*
Intel Core i3-7100T @ 3.40GHz	5,044	\$89.00*
AMD Athlon X4 840	5,042	\$78.74*
AMD Phenom II X6 1405T	5,042	NA
AMD Phenom II X6 1065T	5,042	NA
AMD PRO A10-8770E	5,035	NA
AMD Opteron 4365 EE	5,025	NA
AMD FX-870K Quad Core	5,021	NA
AMD PRO A8-8670E	5,015	NA
Intel Xeon X3460 @ 2.80GHz	5,014	\$357.00*
Intel Xeon E5-4603 @ 2.00GHz	5,014	\$1,890.99*
AMD FX-4320	5,005	NA
Intel Core i7-860 @ 2.80GHz	5,001	\$87.99*
AMD A8-9600	4,985	\$62.02
AMD A10-7800 APU	4,983	\$103.39*
Intel Core i5-2400S @ 2.50GHz	4,980	\$65.70*
Intel Core i5-7267U @ 3.10GHz	4,976	NA
AMD A10 PRO-7800B APU	4,973	NA
Intel Core i7-6650U @ 2.20GHz	4,966	NA
Intel Core i3-4350 @ 3.60GHz	4,963	\$169.99*
Intel Core i5-6267U @ 2.90GHz	4,962	NA
AMD Phenom II X6 1055T	4,959	\$80.24*
AMD Ryzen 3 3200U	4,955	NA
Intel Core i5-4460T @ 1.90GHz	4,955	NA
Intel Core i7-5557U @ 3.10GHz	4,949	\$705.00*
AMD Athlon 200GE	4,936	\$63.93
Intel Core i3-4570T @ 2.90GHz	4,934	NA
Intel Core i5-24050S @ 2.50GHz	4,928	NA
AMD Opteron X3421 APU	4,928	NA
AMD A8-7650K	4,919	\$254.00
Intel Core i7-920 @ 2.67GHz	4,918	\$174.00*

Intel Core i7-4610M @ 3.00GHz	4,903	NA
Intel Core i3-4150 @ 3.50GHz	4,898	\$99.00
Intel Core i7-4600M @ 2.90GHz	4,897	NA
Intel Core i3-8145U @ 2.10GHz	4,881	\$281.00*
Intel Core i5-6360U @ 2.00GHz	4,880	NA
Intel Core i3-4370T @ 3.30GHz	4,870	\$138.00*
AMD FX-4170 Quad-Core	4,867	\$99.99*
Intel Pentium G4560 @ 3.50GHz	4,865	\$90.72
Intel Xeon X5492 @ 3.40GHz	4,865	\$1,391.29*
AMD Opteron 6274	4,865	\$45.99
AMD A10-6800K APU	4,861	\$286.85*
Intel Atom C3858 @ 2.00GHz	4,852	\$332.00*
Intel Core i3-6100T @ 3.20GHz	4,852	\$189.99*
Intel Core i7-870S @ 2.67GHz	4,849	NA
Intel Core i5-4340M @ 2.90GHz	4,828	NA
Intel Core i5-4570T @ 2.90GHz	4,810	\$149.99*
Intel Core i7-6560U @ 2.20GHz	4,810	NA
Intel Xeon E5540 @ 2.53GHz	4,807	\$59.00*
AMD A10-6800B APU	4,806	NA
Intel Xeon E5620 @ 2.40GHz	4,804	\$57.99
AMD FX-770K Quad-Core	4,803	NA
Intel Core i3-4130 @ 3.40GHz	4,803	\$184.97
Intel Core i7-6600U @ 2.60GHz	4,802	NA
AMD Phenom II X6 1045T	4,799	\$108.01*
Intel Core i7-4578U @ 3.00GHz	4,780	NA
AMD FX-9830P	4,775	NA
Intel Xeon X3450 @ 2.67GHz	4,770	\$79.95*
AMD PRO A12-9800E	4,769	\$169.00*
Intel Core i3-7167U @ 2.80GHz	4,757	NA
Intel Core i5-6287U @ 3.10GHz	4,751	\$304.00*
AMD A10-9700E	4,747	\$90.99*
AMD A8 PRO-7600B APU	4,740	NA
Intel Core i3-8121U @ 2.20GHz	4,738	NA
AMD A10-6790K APU	4,717	\$94.99*
Intel Core i7-860S @ 2.53GHz	4,711	\$199.99*
AMD Opteron 2435	4,708	\$189.00
AMD Athlon X4 830	4,701	NA
Intel Core i5-5287U @ 2.90GHz	4,700	NA
Intel Core i3-7100H @ 3.00GHz	4,696	\$225.00*
AMD FX-4300 Quad-Core	4,692	\$63.68
Intel Xeon X3380 @ 3.16GHz	4,665	\$509.95*
Intel Core i7-3540M @ 3.00GHz	4,663	\$429.95*
AMD Opteron X3418 APU	4,659	NA
Intel Core2 Extreme X9775 @ 3.20GHz	4,646	\$1,805.95*
AMD Phenom II X6 1035T	4,641	\$189.00*
Intel Core i5-2500T @ 2.30GHz	4,639	NA
Intel Core i3-4360T @ 3.20GHz	4,636	NA
AMD A10-5800K APU	4,636	\$332.32
AMD Embedded R-Series RX-421BD	4,635	NA
Intel Core i5-4310M @ 2.70GHz	4,634	NA

AMD Opteron 6136	4,631	\$110.00*
AMD FX-7600P APU	4,627	NA
AMD A10-5800B APU	4,625	NA
Intel Xeon E5-2609 @ 2.40GHz	4,616	\$49.99
Intel Core2 Extreme X9770 @ 3.20GHz	4,614	\$1,608.95*
AMD A8-6500B APU	4,612	NA
AMD FX-B4150 Quad-Core	4,611	NA
Intel Core i5-7200U @ 2.50GHz	4,609	NA
AMD A10-6700 APU	4,607	\$116.99*
AMD Athlon X4 760K Quad Core	4,594	\$41.98*
AMD FX-4150 Quad-Core	4,594	NA
AMD A8-6600K APU	4,586	\$96.99*
Intel Xeon X5470 @ 3.33GHz	4,585	\$189.00*
Intel Xeon E5530 @ 2.40GHz	4,564	\$20.99*
Intel Core 860 @ 2.80GHz	4,555	\$309.00*
AMD Athlon X4 750 Quad Core	4,551	NA
AMD FX-670K Quad-Core	4,550	NA
Intel Core i3-4170T @ 3.20GHz	4,549	\$209.95*
Intel Core i5-4400E @ 2.70GHz	4,548	\$266.00*
Intel Core i5-4330M @ 2.80GHz	4,547	\$274.99*
Intel Core i7-3520M @ 2.90GHz	4,545	\$235.00*
AMD FirePro A320 APU	4,540	NA
Intel Core i7-6498DU @ 2.50GHz	4,538	NA
Intel Xeon X3440 @ 2.53GHz	4,536	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4,529	\$99.99*
Intel Core i5-4210H @ 2.90GHz	4,528	NA
AMD Ryzen 3 2200U	4,528	NA
AMD Opteron 2431	4,516	\$40.00
AMD Opteron 6128	4,505	\$19.99
Intel Core2 Extreme X9750 @ 3.16GHz	4,504	NA
Intel Xeon E5-2407 v2 @ 2.40GHz	4,498	\$476.31*
AMD A10-9630P	4,497	NA
AMD Phenom II X4 980	4,493	\$229.99*
Intel Core i3-4330T @ 3.00GHz	4,486	NA
Intel Core i5-3470T @ 2.90GHz	4,480	\$308.95*
AMD A12-9730P	4,472	NA
AMD Phenom II X4 975	4,455	\$139.69*
Intel Core i3-3250 @ 3.50GHz	4,447	\$94.99*
Intel Core i5-4200H @ 2.80GHz	4,444	NA
Intel Core i5-3380M @ 2.90GHz	4,438	NA
Intel Core i3-3245 @ 3.40GHz	4,437	\$179.01
Intel Xeon E5520 @ 2.27GHz	4,435	\$46.99
Intel Core i5-3360M @ 2.80GHz	4,434	\$92.81*
Intel Core i3-4160T @ 3.10GHz	4,433	\$149.99*
Intel Core i7-6500U @ 2.50GHz	4,429	NA
Intel Core i5-4300M @ 2.60GHz	4,428	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4,419	NA
AMD Opteron 4184	4,418	\$519.95*
Intel Core i5-5257U @ 2.70GHz	4,406	NA
AMD A8-6500 APU	4,395	\$94.99*

AMD PRO A10-9700B	4,393	NA
Intel Core i7-4558U @ 2.80GHz	4,391	NA
Intel Xeon L5520 @ 2.27GHz	4,387	\$12.92*
Intel Core i5-6300U @ 2.40GHz	4,374	NA
Intel Xeon L5630 @ 2.13GHz	4,369	\$65.00*
Intel Core i5-4278U @ 2.60GHz	4,367	NA
Intel Core i5-6260U @ 1.80GHz	4,360	\$518.99*
Intel Xeon L5530 @ 2.40GHz	4,351	\$19.26*
AMD RX-427BB	4,349	NA
AMD A8-5600K APU	4,342	\$229.30
Intel Pentium Gold G5500T @ 3.20GHz	4,342	\$75.00*
Intel Core i3-3225 @ 3.30GHz	4,340	\$119.00
Intel Core i3-6100TE @ 2.70GHz	4,337	NA
Intel Core i7-4560U @ 1.60GHz	4,329	NA
Intel Xeon X5460 @ 3.16GHz	4,328	\$99.78*
AMD PRO A12-8830B	4,325	NA
Intel Core i3-2140 @ 3.50GHz	4,325	NA
AMD Phenom II X4 970	4,320	\$148.11*
Intel Core i3-3240 @ 3.40GHz	4,316	\$39.99
Intel Core i7-5600U @ 2.60GHz	4,313	NA
Intel Core i3-4350T @ 3.10GHz	4,302	NA
Intel Core i5-4288U @ 2.60GHz	4,300	NA
Intel Xeon X3370 @ 3.00GHz	4,293	\$367.02*
Intel Xeon X5698 @ 4.40GHz	4,272	NA
Intel Pentium G4600T @ 3.00GHz	4,266	\$177.28*
AMD Phenom II X4 B70	4,261	NA
AMD Athlon X4 750K Quad Core	4,253	\$76.99*
Intel Core i3-6100H @ 2.70GHz	4,249	NA
Intel Core i5-3340M @ 2.70GHz	4,243	\$79.95*
Intel Core i3-3220 @ 3.30GHz	4,241	\$79.95
AMD FX-4200 Quad-Core	4,235	\$228.21*
Intel Core i3-4150T @ 3.00GHz	4,230	\$229.95*
Intel Core i5-2390T @ 2.70GHz	4,226	\$99.90*
Intel Core i7-5650U @ 2.20GHz	4,224	NA
Intel Core i5-4308U @ 2.80GHz	4,219	NA
AMD A10-5700 APU	4,210	\$64.50*
Intel Core i5-8200Y @ 1.30GHz	4,206	\$291.00*
Intel Core i5-4210M @ 2.60GHz	4,195	\$309.95*
Intel Xeon E5450 @ 3.00GHz	4,190	\$54.00*
Intel Core i7-3687U @ 2.10GHz	4,189	NA
Intel Pentium G4520 @ 3.60GHz	4,184	\$103.99*
AMD Phenom II X4 965	4,183	\$184.01
AMD Phenom II X4 B65	4,177	NA
AMD FX-4130 Quad-Core	4,164	\$75.99*
Intel Core2 Quad Q9650 @ 3.00GHz	4,161	\$109.95
Intel Core2 Extreme X9650 @ 3.00GHz	4,159	\$859.99*
Intel Xeon E5-2407 @ 2.20GHz	4,148	\$335.04*
Intel Core i5-6198DU @ 2.30GHz	4,147	NA
AMD FX-8800P	4,143	NA
Intel Core i3-4130T @ 2.90GHz	4,142	\$88.99*

AMD Athlon II X4 559	4,141	NA
AMD PRO A12-8800B	4,137	NA
AMD Phenom II X4 B99	4,130	NA
Intel Core i5-3320M @ 2.60GHz	4,125	\$104.10
AMD PRO A12-9800B	4,123	NA
Intel Xeon X5450 @ 3.00GHz	4,117	\$59.96*
Intel Core i7-4600U @ 2.10GHz	4,098	NA
Intel Xeon E5472 @ 3.00GHz	4,090	\$30.04*
Intel Core i5-4258U @ 2.40GHz	4,082	NA
Intel Core i3-7130U @ 2.70GHz	4,076	\$281.00*
AMD FX-4100 Quad-Core	4,069	\$129.99*
Intel Core i3-2130 @ 3.40GHz	4,067	\$114.99
Intel Core i5-8210Y @ 1.60GHz	4,057	NA
AMD FX-7600P	4,049	NA
AMD Phenom II X4 B60	4,043	NA
Intel Core i3-3210 @ 3.20GHz	4,034	\$293.59
Intel Core i5-4200M @ 2.50GHz	4,034	\$81.12*
Intel Core i5-6200U @ 2.30GHz	4,020	NA
Intel Xeon X5472 @ 3.00GHz	4,014	\$225.00*
AMD Athlon X4 740 Quad Core	4,013	\$277.00*
AMD Opteron 3350 HE	4,009	NA
AMD A12-9720P	4,006	NA
Intel Core i3-2125 @ 3.30GHz	4,000	\$199.00
Intel Core i7-3667U @ 2.00GHz	3,999	NA
AMD A8-5500B APU	3,993	NA
AMD A8-5500 APU	3,993	\$56.50*
Intel Pentium G4560T @ 2.90GHz	3,991	\$109.99*
Intel Xeon X3363 @ 2.83GHz	3,988	\$34.09*
AMD FX-9800P	3,975	NA
Intel Core i7-5500U @ 2.40GHz	3,974	NA
AMD PRO A8-9600B	3,973	NA
Intel Xeon E5440 @ 2.83GHz	3,971	\$18.95*
AMD PRO A10-8730B	3,971	NA
Intel Core i7-3555LE @ 2.50GHz	3,966	NA
Intel Core i7-4650U @ 1.70GHz	3,966	NA
Intel Core i7-940XM @ 2.13GHz	3,966	NA
Intel Core2 Quad Q9550 @ 2.83GHz	3,964	\$44.49*
Intel Core2 Quad Q9705 @ 3.16GHz	3,947	NA
Intel Core i5-4402E @ 1.60GHz	3,947	NA
AMD Phenom Ultra X4 24500	3,945	NA
Intel Xeon X3360 @ 2.83GHz	3,942	\$157.95*
Intel Core i5-3230M @ 2.60GHz	3,939	\$272.04*
Intel Core i3-2120 @ 3.30GHz	3,930	\$55.99
AMD Phenom II X4 955	3,926	\$130.16*
Intel Core i7-4510U @ 2.00GHz	3,922	NA
Intel Core i7-2640M @ 2.80GHz	3,917	\$185.97*
Intel Core i5-3610ME @ 2.70GHz	3,898	NA
Intel Core i5-760 @ 2.80GHz	3,886	\$229.95
Intel Pentium G3258 @ 3.20GHz	3,875	\$188.28
Intel Core i3-4110M @ 2.60GHz	3,873	NA

Intel Xeon E5462 @ 2.80GHz	3,870	\$27.30*
AMD Phenom II X4 B97	3,869	\$89.95
Intel Xeon L3360 @ 2.83GHz	3,864	\$89.23*
Intel Core i3-21050 @ 3.10GHz	3,862	NA
AMD Phenom II X4 B55	3,854	NA
Intel Xeon X3353 @ 2.66GHz	3,853	\$73.50*
Intel Core i7-3537U @ 2.00GHz	3,846	NA
Intel Core i7-2620M @ 2.70GHz	3,842	\$169.81*
Intel Xeon L3426 @ 1.87GHz	3,837	\$447.01*
Intel Xeon L7455 @ 2.13GHz	3,836	NA
Intel Core i3-6157U @ 2.40GHz	3,835	NA
AMD Athlon II X4 555	3,830	NA
Intel Core i5-4570TE @ 2.70GHz	3,827	\$199.99*
Intel Core i5-3210M @ 2.50GHz	3,826	\$74.02*
Intel Xeon X3350 @ 2.66GHz	3,820	\$59.99*
Intel Core i5-5300U @ 2.30GHz	3,818	\$515.73*
AMD Athlon II X4 553	3,814	NA
AMD Opteron 8439 SE	3,813	\$75.00*
Intel Pentium D1508 @ 2.20GHz	3,813	\$129.00*
Intel Core i5-7Y57 @ 1.20GHz	3,810	NA
Intel Atom C2750 @ 2.40GHz	3,806	\$232.00*
Intel Pentium G4500 @ 3.50GHz	3,802	\$143.99
Intel Core i7-4500U @ 1.80GHz	3,791	NA
Intel Core i5-2540M @ 2.60GHz	3,784	\$62.95
AMD Phenom II X4 960T	3,782	\$63.99*
AMD A10-9600P	3,781	NA
Intel Core i3-7100U @ 2.40GHz	3,775	\$380.64
Intel Xeon E5430 @ 2.66GHz	3,769	\$69.00*
Intel Core i3-6100E @ 2.70GHz	3,769	NA
Intel Xeon E5-2603 v2 @ 1.80GHz	3,766	\$29.62*
Intel Core2 Quad Q9450 @ 2.66GHz	3,759	\$35.70*
AMD Phenom II X4 973	3,759	NA
Intel Core i5-4310U @ 2.00GHz	3,759	NA
Intel Core i7-7Y75 @ 1.30GHz	3,756	NA
Intel Core i5-2560M @ 2.70GHz	3,752	NA
AMD Phenom II X4 977	3,750	NA
Intel Core i7-4610Y @ 1.70GHz	3,746	NA
Intel Core i5-4300U @ 1.90GHz	3,741	NA
Intel Core i3-2102 @ 3.10GHz	3,736	\$58.00*
AMD A12-9700P	3,730	NA
Intel Core i7-920XM @ 2.00GHz	3,728	\$3,375.00*
Intel Xeon L5430 @ 2.66GHz	3,723	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3,715	\$224.00*
Intel Core i3-2105 @ 3.10GHz	3,706	\$114.99
Intel Pentium G3470 @ 3.60GHz	3,704	\$104.29*
Intel Pentium G3450 @ 3.40GHz	3,700	\$99.99*
Intel Core i7-4550U @ 1.50GHz	3,699	NA
AMD Phenom II X4 B50	3,698	NA
AMD A10-6700T APU	3,693	\$147.61*
Intel Core i5-750 @ 2.67GHz	3,692	\$92.55*

Intel Core i3-3220T @ 2.80GHz	3,692	\$273.95
Intel Core i3-2100 @ 3.10GHz	3,691	\$140.00
AMD A10-9620P	3,689	NA
Intel Core i7-5550U @ 2.00GHz	3,686	NA
AMD Phenom II X4 B95	3,684	\$72.95*
Intel Core i7-8500Y @ 1.50GHz	3,667	\$393.00*
AMD Opteron 4170 HE	3,664	\$59.00*
Intel Core i3-5157U @ 2.50GHz	3,663	NA
AMD Phenom II X4 945	3,656	\$64.95*
Intel Core2 Extreme Q6800 @ 2.93GHz	3,655	\$1,125.00*
Intel Core i3-3240T @ 2.90GHz	3,653	NA
Intel Core i5-3437U @ 1.90GHz	3,638	NA
Intel Core2 Extreme Q6850 @ 3.00GHz	3,634	\$1,495.95*
AMD Phenom FX-7750 Quad-Core	3,616	NA
Intel Core i3-3250T @ 3.00GHz	3,614	NA
Intel Core i5-4350U @ 1.40GHz	3,610	NA
AMD A10-7400P	3,603	NA
Intel Core i3-6100U @ 2.30GHz	3,603	\$515.00*
AMD Phenom II X4 840T	3,599	\$69.99*
Intel Core i5-2520M @ 2.50GHz	3,592	\$169.60*
AMD Phenom II X4 940	3,590	\$59.34*
Intel Core i5-7Y54 @ 1.20GHz	3,589	NA
Intel Core i7-3517U @ 1.90GHz	3,586	NA
Intel Pentium G3460 @ 3.50GHz	3,582	\$288.20*
Intel Core i5-5250U @ 1.60GHz	3,582	\$441.89*
Intel Xeon E5-2603 @ 1.80GHz	3,580	\$24.95
AMD Athlon II X4 651 Quad-Core	3,576	\$178.04*
Intel Core i5-4260U @ 1.40GHz	3,571	NA
Intel Xeon E3-1220L @ 2.20GHz	3,563	NA
Intel Core2 Quad Q9505 @ 2.83GHz	3,561	\$190.00*
Intel Core m3-7Y30 @ 1.00GHz	3,554	NA
AMD PRO A10-8700B	3,550	NA
AMD Phenom II X4 850	3,549	\$64.99*
Intel Pentium G4400 @ 3.30GHz	3,549	\$114.99
Intel Core i5-3427U @ 1.80GHz	3,549	\$420.05*
AMD A8-3870K APU	3,544	\$49.99*
AMD Opteron 2384	3,538	\$840.00*
AMD Opteron 2386 SE	3,538	NA
Intel Core2 Quad Q9500 @ 2.83GHz	3,536	\$34.99*
AMD PRO A8-8600B	3,524	NA
Intel Xeon E5-2403 @ 1.80GHz	3,523	\$339.97*
Intel Core i5-680 @ 3.60GHz	3,509	\$89.99*
AMD Phenom II X4 840	3,508	\$89.95*
Intel Xeon L5420 @ 2.50GHz	3,505	\$27.50*
Intel Core i3-7020U @ 2.30GHz	3,495	\$281.00*
Intel Xeon E5420 @ 2.50GHz	3,492	\$259.95*
Intel Xeon X5365 @ 3.00GHz	3,491	\$99.50*
Intel Core m3-8100Y @ 1.10GHz	3,489	\$281.00*
AMD Phenom II 42 TWKR Black Edition	3,489	NA
Intel Core i5-5200U @ 2.20GHz	3,487	NA

Intel Core i5-2510E @ 2.50GHz	3,483	NA
Intel Core i5-5350U @ 1.80GHz	3,482	NA
AMD Athlon II X4 650	3,482	\$166.60*
Intel Core m7-6Y75 @ 1.20GHz	3,476	NA
AMD Athlon II X4 645	3,473	\$49.99*
Intel Pentium G4500T @ 3.00GHz	3,471	NA
AMD Phenom II X4 B45	3,470	NA
AMD A8-3850 APU	3,466	\$105.68*
Intel Core2 Extreme Q9300 @ 2.53GHz	3,457	NA
Intel Core i5-4250U @ 1.30GHz	3,452	\$359.00
Quad-Core AMD Opteron 1389	3,446	NA
AMD A10-8700P	3,445	NA
Intel Core i3-4100M @ 2.50GHz	3,443	\$218.57*
Quad-Core AMD Opteron 1385	3,442	\$54.00
AMD Phenom II X4 830	3,434	\$79.95*
AMD Phenom II X4 925	3,422	\$43.99*
Intel Xeon E5-2403 v2 @ 1.80GHz	3,418	\$189.00*
Intel Core i7-840QM @ 1.87GHz	3,409	\$289.97*
Intel Core i5-4210U @ 1.70GHz	3,404	NA
Intel Core i5-2450M @ 2.50GHz	3,401	\$88.02*
Intel Xeon X3230 @ 2.66GHz	3,398	\$359.95*
Intel Pentium G3420 @ 3.20GHz	3,398	\$133.43
AMD Phenom II X4 820	3,395	\$74.95*
Intel Pentium G3430 @ 3.30GHz	3,395	\$89.99*
Intel Core i5-655K @ 3.20GHz	3,395	\$59.99*
AMD Phenom II X4 920	3,393	\$79.99
Intel Core i3-3130M @ 2.60GHz	3,390	NA
Intel Pentium G2140 @ 3.30GHz	3,384	\$49.99*
AMD Phenom II X4 B35	3,383	NA
Intel Xeon E5607 @ 2.27GHz	3,380	\$219.00*
Intel Xeon X3330 @ 2.66GHz	3,379	\$210.00*
Intel Core m5-6Y54 @ 1.10GHz	3,373	NA
Intel Xeon L5410 @ 2.33GHz	3,370	\$100.08*
AMD Phenom II X4 B40	3,361	NA
AMD Phenom II X4 B93	3,358	NA
Intel Pentium G3260 @ 3.30GHz	3,358	\$139.99
Intel Xeon X3430 @ 2.40GHz	3,354	\$21.05*
Intel Core i7-3517UE @ 1.70GHz	3,350	NA
AMD Athlon II X4 641 Quad-Core	3,346	\$91.50*
Intel Atom C2750 @ 2.41GHz	3,344	NA
AMD A10-5750M APU	3,344	NA
Intel Core2 Quad Q9400 @ 2.66GHz	3,341	\$179.95*
AMD A8-7200P	3,319	NA
Intel Core m3-7Y32 @ 1.10GHz	3,318	NA
Intel Pentium G3440 @ 3.30GHz	3,314	\$159.94*
Intel Core i5-670 @ 3.47GHz	3,313	\$89.99*
AMD Athlon II X4 640	3,313	\$79.95
Intel Core i5-2515E @ 2.50GHz	3,313	NA
Intel Xeon X3320 @ 2.50GHz	3,309	\$229.50*
Intel Core i5-2415M @ 2.30GHz	3,299	NA

AMD Phenom II X4 B25	3,297	NA
Intel Core i5-4200U @ 1.60GHz	3,293	NA
Intel Core2 Quad Q6700 @ 2.66GHz	3,283	\$44.99*
Intel Core i5-2430M @ 2.40GHz	3,282	\$84.11*
Intel Celeron G4900 @ 3.10GHz	3,270	\$54.99*
AMD Opteron 3260 HE	3,259	NA
Intel Core i5-660 @ 3.33GHz	3,254	\$349.95*
AMD Phenom II X4 910e	3,254	\$156.99*
Intel Core i3-4000M @ 2.40GHz	3,252	\$199.95*
AMD Phenom II X4 910	3,252	\$100.00*
Intel Xeon E5410 @ 2.33GHz	3,251	\$59.00*
Intel Pentium G3250 @ 3.20GHz	3,250	\$109.99*
AMD A8-8600P	3,248	NA
Intel Pentium 4417U @ 2.30GHz	3,246	\$161.00*
Intel Core m5-6Y57 @ 1.10GHz	3,244	NA
Intel Core2 Quad Q9100 @ 2.26GHz	3,242	\$385.89*
AMD Athlon II X4 635	3,235	\$69.95
Intel Core i7-820QM @ 1.73GHz	3,225	\$139.00*
Intel Core i5-3337U @ 1.80GHz	3,225	\$225.00*
Intel Core i5-2435M @ 2.40GHz	3,224	NA
AMD A8-6500T APU	3,221	NA
Intel Core i7-3689Y @ 1.50GHz	3,220	NA
Intel Core i3-3120M @ 2.50GHz	3,219	\$110.00
AMD FX-7500 APU	3,211	NA
AMD PRO A6-9500	3,207	\$74.00*
Intel Pentium G2130 @ 3.20GHz	3,205	\$49.99*
Intel Core i3-4330TE @ 2.40GHz	3,201	NA
AMD Athlon II X4 638 Quad-Core	3,198	\$26.49*
Intel Core i7-2655LE @ 2.20GHz	3,196	NA
Intel Core i3-5020U @ 2.20GHz	3,194	\$459.00*
Intel Celeron G4920 @ 3.20GHz	3,192	\$76.50
Intel Core i7-740QM @ 1.73GHz	3,192	\$109.95*
Intel Core i5-661 @ 3.33GHz	3,185	\$99.99*
Intel Pentium G4400T @ 2.90GHz	3,183	NA
Intel Xeon X5355 @ 2.66GHz	3,181	\$41.00*
AMD Opteron 2378	3,179	\$179.00*
AMD Athlon X4 640	3,172	NA
AMD A10 PRO-7350B APU	3,171	NA
AMD A6-3670 APU	3,170	\$132.31*
AMD A6-7480	3,168	\$43.99
Intel Xeon X3323 @ 2.50GHz	3,167	\$19.36*
AMD Opteron 4162 EE	3,166	NA
Intel Core i5-2410M @ 2.30GHz	3,166	\$72.00*
Intel Core i3-2120T @ 2.60GHz	3,164	\$160.00
Intel Core2 Quad Q8400 @ 2.66GHz	3,164	\$239.95*
Intel Atom C2758 @ 2.40GHz	3,162	\$214.86*
AMD Phenom 9850B Quad-Core	3,160	NA
Intel Core2 Quad Q9300 @ 2.50GHz	3,159	\$49.99*
Intel Pentium G3240 @ 3.10GHz	3,157	\$139.84
AMD Athlon II X4 631 Quad-Core	3,153	\$80.00*

Intel Pentium 5405U @ 2.30GHz	3,152	\$161.00*
AMD A6-3650 APU	3,151	\$31.99*
Intel Celeron G3900 @ 2.80GHz	3,144	\$64.53
AMD Athlon II X4 630	3,135	\$42.99*
Intel Pentium 4415U @ 2.30GHz	3,135	NA
Intel Pentium G3220 @ 3.00GHz	3,126	\$114.00
Intel Xeon E5507 @ 2.27GHz	3,125	\$456.91*
Intel Celeron G3920 @ 2.90GHz	3,123	\$139.99
AMD Phenom II X4 810	3,122	\$115.99*
Intel Xeon E7- 2830 @ 2.13GHz	3,118	\$1,779.00*
AMD R-464L APU	3,117	NA
AMD A10-4600M APU	3,112	NA
AMD A6-8550	3,104	NA
AMD A8-3820 APU	3,104	\$124.99*
Intel Pentium G3440T @ 2.80GHz	3,101	NA
Intel Core i5-650 @ 3.20GHz	3,098	\$217.00
Intel Core i5-3317U @ 1.70GHz	3,090	\$225.00*
Intel Core i3-6006U @ 2.00GHz	3,088	NA
Intel Xeon X3220 @ 2.40GHz	3,088	\$209.95*
Intel Pentium G2120 @ 3.10GHz	3,083	\$159.55*
AMD A10-5757M APU	3,082	NA
Intel Core i3-3110M @ 2.40GHz	3,081	\$79.95*
AMD Phenom II X4 905e	3,078	\$53.99*
Intel Core i3-2330E @ 2.20GHz	3,073	NA
AMD Opteron 2427	3,069	\$99.00
AMD Phenom II X3 B77	3,067	\$22.29*
AMD Opteron 1381	3,065	NA
AMD Athlon X3 450	3,064	\$78.99*
AMD Opteron X2170 APU	3,059	NA
Intel Core i3-5010U @ 2.10GHz	3,056	\$337.76*
Intel Xeon E5606 @ 2.13GHz	3,054	\$219.00*
Intel Core m3-6Y30 @ 0.90GHz	3,051	\$281.00*
Intel Core i3-4120U @ 2.00GHz	3,050	NA
AMD PRO A6-8570	3,049	NA
AMD A6-9500	3,040	\$48.02
Intel Celeron G3930 @ 2.90GHz	3,039	\$51.17*
Intel Celeron G4900T @ 2.90GHz	3,037	NA
Intel Xeon L5408 @ 2.13GHz	3,037	NA
Intel Core M-5Y70 @ 1.10GHz	3,018	NA
Intel Pentium 1403 v2 @ 2.60GHz	3,018	NA
AMD A8-3800 APU	3,016	\$56.99*
Intel Core i7-720QM @ 1.60GHz	3,010	\$109.95*
AMD Phenom 9950 Quad-Core	3,010	\$134.99*
Intel Pentium G3420T @ 2.70GHz	3,008	\$159.99*
Intel Core i3-5015U @ 2.10GHz	3,007	NA
AMD A8-5550M APU	3,006	NA
Intel Celeron G3950 @ 3.00GHz	3,006	\$71.22*
AMD Phenom 2 X4 12000	3,005	NA
AMD Phenom II X4 805	2,998	\$173.99*
AMD Athlon II X4 655	2,998	NA

AMD Phenom 7950 Quad-Core	2,991	NA
AMD Phenom II X3 740	2,985	\$88.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2,981	\$49.99*
Intel Xeon X6550 @ 2.00GHz	2,977	NA
Intel Xeon E5506 @ 2.13GHz	2,975	\$15.17*
Intel Core M-5Y71 @ 1.20GHz	2,973	\$281.00*
Intel Core i5-4302Y @ 1.60GHz	2,971	NA
Intel Pentium G3250T @ 2.80GHz	2,971	\$89.99*
AMD PRO A6-8550B	2,970	NA
AMD A8-5557M APU	2,968	NA
Intel Pentium G3450T @ 2.90GHz	2,967	NA
Intel Core i3-2100T @ 2.50GHz	2,962	\$59.99*
AMD Opteron 2374 HE	2,951	\$189.99*
Intel Core2 Quad Q6600 @ 2.40GHz	2,950	\$39.98*
AMD Phenom FX-5200 Quad-Core	2,948	NA
AMD Opteron 4122	2,942	\$124.99*
AMD Opteron 6134	2,938	\$43.99
Intel Core i3-560 @ 3.33GHz	2,937	\$179.95
AMD Athlon II X4 620	2,933	\$69.99*
Intel Pentium G3260T @ 2.90GHz	2,930	\$89.99*
Intel Core i5-3439Y @ 1.50GHz	2,930	NA
Intel Pentium 4405U @ 2.10GHz	2,929	NA
Six-Core AMD Opteron 2419 EE	2,925	NA
Intel Xeon E5345 @ 2.33GHz	2,920	\$39.99*
Intel Celeron G3900T @ 2.60GHz	2,919	\$112.46*
Intel Core i3-4158U @ 2.00GHz	2,914	NA
AMD Phenom II X3 B75	2,911	\$39.99*
Intel Celeron G1850 @ 2.90GHz	2,909	\$79.99*
AMD A10-4657M APU	2,906	NA
Intel Pentium Silver J5005 @ 1.50GHz	2,906	\$219.92*
AMD Athlon II X4 620e	2,906	NA
AMD A10-7300 APU	2,906	NA
Intel Core i7-2637M @ 1.70GHz	2,905	NA
Intel Core i3-5005U @ 2.00GHz	2,904	NA
Intel Core i5-4230U @ 1.90GHz	2,902	NA
Intel Core i3-4110U @ 1.90GHz	2,902	NA
AMD Athlon 5370 APU	2,902	\$63.70*
AMD Athlon II X4 615e	2,901	\$59.00*
AMD Phenom X4 Quad-Core GP-9730	2,897	NA
AMD Phenom 9850 Quad-Core	2,892	\$119.99*
AMD Athlon X4 635	2,891	\$121.99*
AMD A6-9500E	2,889	\$71.99
Intel Pentium G4400TE @ 2.40GHz	2,885	\$64.00*
AMD Phenom II X4 900e	2,882	NA
Intel Pentium G2030 @ 3.00GHz	2,869	\$39.99*
AMD Athlon II X3 460	2,863	\$38.99*
Intel Celeron G1840 @ 2.80GHz	2,862	\$100.53
AMD Athlon X4 620	2,861	\$59.95
Intel Pentium G3240T @ 2.70GHz	2,840	NA
Intel Core i3-2310E @ 2.10GHz	2,839	\$225.00*

Celeron Dual-Core Q8300 @ 2.50GHz	2,837	NA
Intel Xeon E5405 @ 2.00GHz	2,836	\$59.00*
Intel Core M-5Y31 @ 0.90GHz	2,832	NA
Intel Core i3-550 @ 3.20GHz	2,829	\$175.74
Intel Core i7-640M @ 2.80GHz	2,828	\$199.95*
AMD PRO A6-8570E	2,824	NA
Intel Core i7-2677M @ 1.80GHz	2,824	NA
Intel Core i7-2617M @ 1.50GHz	2,824	NA
AMD Opteron 2350	2,820	\$269.99*
Intel Core M-5Y10c @ 0.80GHz	2,815	\$281.00*
AMD Opteron 2356	2,814	\$181.65*
Intel Pentium G870 @ 3.10GHz	2,814	\$97.00
Intel Core2 Quad Q8200 @ 2.33GHz	2,812	\$22.99*
AMD Phenom 9750 Quad-Core	2,812	\$59.95
AMD A8-7100 APU	2,807	NA
Intel Core i5-4422E @ 1.80GHz	2,806	\$266.00*
AMD A6-3620 APU	2,797	\$59.99*
AMD Phenom II X4 B05e	2,792	NA
AMD Athlon II X4 610e	2,790	\$69.99*
AMD Opteron 2373 EE	2,789	NA
Intel Core i3-4025U @ 1.90GHz	2,782	NA
AMD A6-7400K APU	2,782	\$59.70
Intel Core i3-2370M @ 2.40GHz	2,777	\$39.81*
AMD PRO A4-8350B	2,776	NA
Intel E3000 @ 3.40GHz	2,767	NA
Intel Celeron G3930T @ 2.70GHz	2,766	\$85.99*
AMD Athlon II X3 455	2,765	\$38.99*
AMD Opteron 1356	2,765	\$89.99*
AMD A10-5745M APU	2,765	NA
Intel Pentium G2100T @ 2.60GHz	2,763	NA
AMD PRO A6-9500E	2,760	\$74.00*
AMD PRO A6-7350B	2,759	NA
Intel Pentium G2020 @ 2.90GHz	2,757	\$59.95
Intel Xeon L5335 @ 2.00GHz	2,756	\$18.79*
Intel Celeron G1820 @ 2.70GHz	2,753	\$89.99
Intel Pentium G860 @ 3.00GHz	2,743	\$82.99
Intel Pentium 1403 @ 2.60GHz	2,742	NA
Intel Xeon X3210 @ 2.13GHz	2,739	\$185.71*
AMD Athlon II X4 605e	2,738	\$101.80*
AMD A8-7410 APU	2,738	NA
AMD Phenom II X4 B15e	2,736	NA
AMD Phenom II X3 B73	2,735	\$75.00*
AMD A6-7470K	2,727	\$243.00
Intel Core i7-620M @ 2.67GHz	2,722	\$110.01*
AMD Phenom X4 Quad-Core GP-9830	2,715	NA
Intel Core i3-4030U @ 1.90GHz	2,715	NA
AMD Phenom 9750B Quad-Core	2,709	NA
Intel Core M-5Y10 @ 0.80GHz	2,702	NA
AMD A6-3600 APU	2,701	\$22.99*
AMD Phenom II X940 Quad-Core	2,695	NA

AMD Phenom X4 Quad-Core GP-9930	2,690	NA
Intel Xeon E5504 @ 2.00GHz	2,687	\$69.95*
Intel Core i3-540 @ 3.07GHz	2,686	\$137.27
Intel Core i5-2557M @ 1.70GHz	2,685	NA
Intel Celeron G3900E @ 2.40GHz	2,679	NA
AMD Opteron 3320 EE	2,675	NA
AMD Phenom II X3 720	2,669	\$69.99*
AMD A8-4500M APU	2,666	NA
Intel Pentium G850 @ 2.90GHz	2,663	\$197.99
AMD A6-7310 APU	2,663	NA
AMD Phenom II N830 3+1	2,652	NA
AMD Phenom II X920 Quad-Core	2,650	NA
AMD Phenom II X3 715	2,649	\$84.99*
AMD A8 PRO-7150B APU	2,649	NA
Intel Celeron J4105 @ 1.50GHz	2,647	\$107.00*
AMD Opteron 2380	2,640	\$45.00
AMD Phenom 9650 Quad-Core	2,636	\$54.95*
AMD Opteron 1354	2,630	\$135.00
Intel Core i3-2350M @ 2.30GHz	2,625	\$36.81*
AMD Athlon II X3 450	2,621	\$38.01
AMD Phenom 9450e Quad-Core	2,621	\$105.00*
Intel Core i3-2348M @ 2.30GHz	2,617	NA
AMD A6-6420B APU	2,612	NA
AMD A8-3550MX APU	2,610	NA
AMD A6 PRO-7400B	2,608	NA
AMD Athlon 5350 APU	2,606	\$338.46*
AMD A10-4655M APU	2,605	NA
Intel Celeron G1840T @ 2.50GHz	2,605	NA
Intel Pentium G2010 @ 2.80GHz	2,596	\$34.89*
Intel Core i5-580M @ 2.67GHz	2,595	\$109.95
AMD Athlon II X4 6400e	2,594	NA
Intel Celeron G3900TE @ 2.30GHz	2,591	\$42.00*
Intel Pentium G645 @ 2.90GHz	2,589	\$160.00
AMD A8-5545M APU	2,587	NA
Intel Core i7-2630UM @ 1.60GHz	2,584	NA
Intel Core i5-560M @ 2.67GHz	2,581	\$89.97*
Intel Celeron G1620 @ 2.70GHz	2,576	\$153.59*
PassMark Software © 2008-2019		

\* - Last seen price from our affiliates.

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