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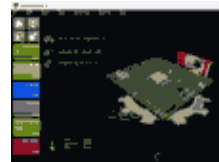
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CPU Benchmarks

Over 1,000,000 CPUs Benchmarked



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How does your CPU compare?
 Add your CPU to our benchmark chart with **PerformanceTest V9!**

New Desktop CPU Performance

This chart comparing performance of CPUs designed for desktop machines is made using thousands of **PerformanceTest** benchmark results and is updated daily.

Notes:

- While we try to keep this chart mainly server and laptop CPU free, there might be some rogue processors in the list.
- The chart shows only CPUs that had their benchmark first submitted within the last 36 months. Older desktop CPUs may not appear.

MAX10 IoT Maker Board - flexible, small form fa

Full-featured FPGA, various softcore CPUs, DSP/Video-processing, I controller aries-embedded.de/MX10

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PassMark - CPU Mark Desktop CPU Performance - Updated 9th of August 2018

		Price (USD)
Intel Core i9-7980XE @ 2.60GHz	27,730	\$1,879.99
Intel Core i9-7960X @ 2.80GHz	25,442	\$1,424.99
Intel Core i9-7940X @ 3.10GHz	25,375	\$1,159.99
Intel Core i9-7920X @ 2.90GHz	23,370	\$1,042.06
AMD Ryzen Threadripper 1950X	22,146	\$779.99
Intel Core i9-7900X @ 3.30GHz	22,076	\$960.90
Intel Core i7-6950X @ 3.00GHz	19,979	\$809.99
Intel Core i7-7820X @ 3.60GHz	18,566	\$469.99
Intel Core i7-7900X @ 3.30GHz	18,539	NA
AMD Ryzen Threadripper 1920X	18,180	\$482.99
Intel Core i7-6900K @ 3.20GHz	17,693	\$1,163.00
Intel Core i7-8086K @ 4.00GHz	17,016	\$425.00*
AMD Ryzen 7 2700X	16,896	\$324.99
Intel Core i7-8700K @ 3.70GHz	15,980	\$347.00
AMD Ryzen 7 1800X	15,404	\$239.99
AMD Ryzen 7 PRO 1700X	15,349	NA
AMD Ryzen Threadripper 1900X	15,246	\$319.99

Intel Core i7-8700 @ 3.20GHz	15,240	\$348.99
AMD Ryzen 7 2700	15,085	\$282.78
AMD Ryzen 7 PRO 1700	14,811	NA
AMD Ryzen 7 1700X	14,620	\$234.99
Intel Core i7-7800X @ 3.50GHz	14,509	\$369.99
AMD Ryzen 5 2600X	14,460	\$225.89
Intel Core i7-6850K @ 3.60GHz	14,383	\$549.99
AMD Ryzen 7 PRO 2700X	13,827	NA
AMD Ryzen 7 1700	13,740	\$215.99
Intel Core i7-6800K @ 3.40GHz	13,613	\$349.99
AMD Ryzen 5 2600	13,553	\$165.99
AMD Ryzen 5 1600X	13,223	\$188.06
Intel Core i5-8600K @ 3.60GHz	12,807	\$277.90
Intel Core i7-8700T @ 2.40GHz	12,649	\$369.95
Intel Core i5-8600 @ 3.10GHz	12,476	\$247.15
AMD Ryzen 5 1600	12,280	\$149.99
Intel Core i7-7740X @ 4.30GHz	12,234	\$324.50
AMD Ryzen 5 PRO 1600	12,213	NA
Intel Core i5-8500 @ 3.00GHz	12,094	\$242.16*
Intel Core i7-7700K @ 4.20GHz	12,053	\$318.00
Intel Core i5-8400 @ 2.80GHz	11,722	\$243.87
Intel Core i5-8600T @ 2.30GHz	10,913	\$239.86*
AMD Ryzen 5 PRO 1500	10,868	NA
Intel Core i7-5775R @ 3.30GHz	10,848	NA
Intel Core i7-7700 @ 3.60GHz	10,768	\$321.78
Intel Core i5-8500T @ 2.10GHz	10,221	\$321.99*
AMD Ryzen 5 PRO 2400G	10,204	NA
AMD Ryzen 5 PRO 2400GE	10,178	NA
AMD Ryzen 5 1500X	10,105	\$149.99
Intel Core i7-6700 @ 3.40GHz	10,009	\$315.45
Intel Core i5-8400T @ 1.70GHz	9,692	\$441.26*
Intel Core i5-7640X @ 4.00GHz	9,672	\$225.03
Intel Core i7-7700T @ 2.90GHz	9,340	\$333.88
AMD Ryzen 5 2400G	9,279	\$159.00
Intel Core i3-8350K @ 4.00GHz	9,269	\$186.70
Intel Core i5-7600K @ 3.80GHz	9,145	\$235.79
Intel Core i7-6700T @ 2.80GHz	9,032	\$269.99*
Intel Core i3-8300 @ 3.70GHz	8,823	\$160.33*
Intel Core i7-6700TE @ 2.40GHz	8,818	NA
Intel Core i5-7600 @ 3.50GHz	8,801	\$234.76
AMD Ryzen 5 2400GE	8,513	NA
AMD Ryzen 5 1400	8,426	\$142.85
AMD Ryzen 3 PRO 1300	8,300	NA
Intel Core i7-5675C @ 3.10GHz	8,164	NA
Intel Core i5-7600T @ 2.80GHz	8,130	\$256.10
AMD Ryzen 3 PRO 2200	8,095	NA
Intel Core i3-8100 @ 3.60GHz	8,090	\$118.90
Intel Core i5-5675R @ 3.10GHz	8,054	NA
Intel Core i5-7500 @ 3.40GHz	8,035	\$204.99
Intel Core i3-8300T @ 3.20GHz	8,009	\$168.26

AMD Ryzen 3 PRO 2200GE	8,004	NA
Intel Core i5-6600 @ 3.30GHz	7,755	\$219.99
Intel Core i3-8100T @ 3.10GHz	7,532	\$141.85
AMD Ryzen 3 1300X	7,492	\$132.55
Intel Core i5-5575R @ 2.80GHz	7,434	NA
Intel Core i5-4670R @ 3.00GHz	7,419	\$276.00*
Intel Core i5-7400 @ 3.00GHz	7,374	\$178.08
AMD Ryzen 3 2200G	7,345	\$98.89
Intel Core i5-6600T @ 2.70GHz	7,310	\$191.99
Intel Core i5-6500 @ 3.20GHz	7,235	\$198.00
AMD Ryzen 3 2200GE	7,229	NA
Intel Core i5-6402P @ 2.80GHz	7,108	\$189.99*
AMD Ryzen 3 PRO 1200	7,069	NA
Intel Core i5-7500T @ 2.70GHz	7,060	\$220.38
AMD FX-6330 Six-Core	6,916	NA
AMD Ryzen 3 1200	6,771	\$103.01
Intel Core i5-6400 @ 2.70GHz	6,760	\$196.50
Intel Core i3-7350K @ 4.20GHz	6,618	\$179.99
Intel Core i5-6500TE @ 2.30GHz	6,577	NA
Intel Core i3-7320 @ 4.10GHz	6,541	\$179.90*
Intel Core i3-7300 @ 4.00GHz	6,438	\$158.89*
Intel Core i5-7400T @ 2.40GHz	6,414	\$157.00
Intel Core i5-6500T @ 2.50GHz	6,256	NA
AMD PRO A12-9800	6,199	\$169.00*
AMD PRO A12-8870	6,067	NA
Intel Core i3-6320 @ 3.90GHz	6,045	\$152.99
Intel Core i3-6300 @ 3.80GHz	5,852	\$142.99
AMD PRO A10-8850B	5,852	NA
Intel Core i3-7100 @ 3.90GHz	5,787	\$125.83
AMD A10-7890K	5,747	\$192.00
AMD PRO A10-8770	5,707	NA
AMD PRO A10-9700	5,683	\$169.00*
AMD PRO A10-8750B	5,646	NA
Intel Pentium Gold G5600 @ 3.90GHz	5,626	\$93.00*
AMD A10-8850	5,616	NA
Intel Core i5-6400T @ 2.20GHz	5,590	\$223.66
AMD Athlon X4 880K	5,559	\$99.99
AMD A12-9800	5,516	\$129.99
Intel Core i3-6100 @ 3.70GHz	5,493	\$120.99
AMD A8-8650	5,470	NA
AMD A10-9700	5,454	\$69.99
AMD PRO A8-8650B	5,442	NA
Intel Core i3-6098P @ 3.60GHz	5,429	\$133.74*
AMD Athlon X4 845	5,427	\$49.64
Intel Core i3-7300T @ 3.50GHz	5,366	NA
AMD PRO A8-9600	5,321	\$119.00*
AMD Athlon X4 870K	5,313	\$59.99
AMD Athlon X4 950	5,310	\$49.99
AMD FX-4330	5,281	NA
Intel Pentium Gold G5500 @ 3.80GHz	5,262	\$82.00*

Intel Pentium Gold G5400 @ 3.70GHz	5,255	\$73.98
Intel Core i3-6300T @ 3.30GHz	5,245	\$139.99
Intel Pentium G4620 @ 3.70GHz	5,212	\$108.62*
AMD PRO A12-8870E	5,186	NA
Intel Pentium G4600 @ 3.60GHz	5,106	\$83.48
AMD A8-7670K	5,105	\$159.60
AMD A10-7860K	5,103	\$392.00
AMD A10-8750	5,091	NA
Intel Core i3-7100T @ 3.40GHz	5,075	NA
AMD A12-9800E	5,060	\$99.99
AMD Phenom II X6 1405T	5,042	NA
Intel Core i3-7101TE @ 3.40GHz	5,016	\$117.00*
AMD FX-4320	5,002	NA
AMD A8-9600	4,981	\$59.99
AMD PRO A10-9700E	4,949	\$139.00*
AMD Athlon PRO 200GE	4,903	NA
Intel Pentium G4560 @ 3.50GHz	4,882	\$67.17*
AMD PRO A10-8770E	4,881	NA
Intel Core i3-6100T @ 3.20GHz	4,846	\$128.20
Intel Core i3-4370T @ 3.30GHz	4,832	\$138.00*
AMD PRO A12-9800E	4,793	\$169.00*
AMD Athlon X4 830	4,701	NA
AMD PRO A8-8670E	4,692	NA
AMD A10-9700E	4,687	\$69.99
Intel Core i3-4170T @ 3.20GHz	4,582	\$149.95*
Intel Pentium Gold G5500T @ 3.20GHz	4,577	\$75.00*
AMD FirePro A320 APU	4,540	NA
Intel Core i3-6100TE @ 2.70GHz	4,337	NA
AMD Phenom II X4 B70	4,261	NA
Intel Pentium G4600T @ 3.00GHz	4,238	\$95.03
Intel Pentium G4520 @ 3.60GHz	4,195	\$89.98
Intel Pentium G4560T @ 2.90GHz	4,047	\$99.99
Intel Pentium G4500 @ 3.50GHz	3,788	\$62.97
Intel Core i3-2102 @ 3.10GHz	3,736	\$58.00*
Intel Core i7-7Y75 @ 1.30GHz	3,727	NA
Intel Pentium G4400 @ 3.30GHz	3,568	\$48.00
Intel Pentium G4500T @ 3.00GHz	3,471	NA
Intel Celeron G3950 @ 3.00GHz	3,334	\$71.22*
AMD PRO A6-9500	3,239	\$74.00*
Intel Pentium G4400T @ 2.90GHz	3,221	NA
Intel Celeron G4900 @ 3.10GHz	3,136	\$42.00
Intel Celeron G3900 @ 2.80GHz	3,122	\$36.99
Intel Celeron G3920 @ 2.90GHz	3,113	\$43.99
AMD A6-8550	3,104	NA
Intel Celeron G3930 @ 2.90GHz	3,049	\$47.10
AMD PRO A6-8570	3,049	NA
Intel Core i3-3250T @ 3.00GHz	3,021	NA
AMD PRO A6-8550B	3,018	NA
Intel Pentium Silver J5005 @ 1.50GHz	2,987	\$199.59
AMD A6-9500	2,977	\$46.96

Intel Pentium G3450T @ 2.90GHz	2,967	NA
Intel Celeron G4900T @ 2.90GHz	2,960	NA
AMD PRO A4-8350B	2,922	NA
Intel Celeron G3900T @ 2.60GHz	2,919	NA
AMD Athlon 5370 APU	2,898	\$63.70*
AMD PRO A6-8570E	2,824	NA
AMD Phenom X4 Quad-Core GP-9730	2,812	NA
Intel Pentium G2100T @ 2.60GHz	2,802	NA
AMD A6-7470K	2,777	\$69.99
AMD PRO A6-9500E	2,761	\$74.00*
AMD A9-9430	2,513	NA
Intel Pentium J4205 @ 1.50GHz	2,299	NA
AMD A6-9230	2,274	NA
Intel Celeron J3455 @ 1.50GHz	2,148	\$374.99
AMD Phenom X4 Quad-Core GP-9530	1,994	NA
AMD Phenom II X2 570	1,960	NA
Intel Pentium J3710 @ 1.60GHz	1,954	NA
Intel Celeron J3160 @ 1.60GHz	1,788	NA
Intel Celeron J3355 @ 2.00GHz	1,229	NA
Intel Celeron J3060 @ 1.60GHz	972	NA
Intel Pentium 4 3.83GHz	195	NA

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* - Last seen price from our affiliates.

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Full-featured FPGA, various softcore CPUs, DSP/Video-processing, I controller aries-embedded.de/MX10

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