

Home » CPU Benchmarks » New Desktop CPU Performance

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

CPU Benchmarks

Over 1,000,000 CPUs
Benchmarked



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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.



Instalacja sterowników

Obsługuje wszystkie wersje Windows. Nadaje się do wszystkich urządzeń i laptopów. Za darmo

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[CPU Mark](#) | [Price Performance](#) | [Sorted by Date](#)

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PassMark - CPU Mark Desktop CPU Performance - Updated 13th of February 2019

		Price (USD)
Intel Core i9-9980XE @ 3.00GHz	28,940	\$1,999.00
Intel Core i9-7980XE @ 2.60GHz	27,891	\$2,018.10
Intel Core i9-9940X @ 3.30GHz	27,678	\$1,399.99
Intel Core i9-9920X @ 3.50GHz	25,987	\$1,199.00
AMD Ryzen Threadripper 2950X	25,731	\$869.99
Intel Core i9-7960X @ 2.80GHz	25,575	\$1,399.99
Intel Core i9-7940X @ 3.10GHz	25,384	\$1,336.42
AMD Ryzen Threadripper 2990WX	24,134	\$1,643.99
Intel Core i9-7920X @ 2.90GHz	23,298	\$899.99
Intel Core i9-9900X @ 3.50GHz	22,567	\$1,037.16
Intel Core i9-9820X @ 3.30GHz	22,106	\$879.99
AMD Ryzen Threadripper 1950X	21,896	\$589.99
AMD Ryzen Threadripper 2920X	21,877	\$649.42
Intel Core i9-7900X @ 3.30GHz	21,871	\$1,013.38
Intel Core i9-9900K @ 3.60GHz	20,161	\$499.99
Intel Core i7-7900X @ 3.30GHz	20,153	NA
Intel Core i7-6950X @ 3.00GHz	19,955	\$1,347.65
Intel Core i7-9800X @ 3.80GHz	19,852	\$875.90

AMD Ryzen Threadripper 1920X	19,389	\$435.56
AMD Ryzen Threadripper 2970WX	18,950	\$1,119.99
Intel Core i7-7820X @ 3.60GHz	18,546	\$656.12
AMD Ryzen Threadripper 2990X	18,311	NA
Intel Core i7-6900K @ 3.20GHz	17,688	\$952.83
AMD Ryzen 7 PRO 2700X	17,276	NA
Intel Core i7-9700K @ 3.60GHz	17,237	\$409.99
AMD Ryzen 7 2700X	16,982	\$309.99
Intel Core i7-8086K @ 4.00GHz	16,696	\$552.96*
AMD Ryzen Threadripper 1900X	16,020	\$316.38
Intel Core i7-8700K @ 3.70GHz	15,967	\$404.99
AMD Ryzen 7 PRO 2700	15,897	NA
AMD Ryzen 7 1800X	15,401	\$275.21
AMD Ryzen 7 PRO 1700X	15,349	NA
Intel Core i7-8700 @ 3.20GHz	15,133	\$384.12
AMD Ryzen 7 2700	15,001	\$229.99
AMD Ryzen 7 1700X	14,675	\$189.99
AMD Ryzen 5 PRO 2600	14,645	NA
Intel Core i7-7800X @ 3.50GHz	14,598	\$379.99
AMD Ryzen 5 2600X	14,370	\$199.99
Intel Core i7-6850K @ 3.60GHz	14,361	\$549.99
AMD Ryzen 7 PRO 1700	14,171	NA
AMD Ryzen 7 1700	13,744	\$169.99
Intel Core i7-6800K @ 3.40GHz	13,588	\$419.99
AMD Ryzen 5 2600	13,528	\$149.99
Intel Core i5-9600K @ 3.70GHz	13,431	\$295.99
AMD Ryzen 5 1600X	13,226	\$157.97
Intel Core i5-8600K @ 3.60GHz	12,765	\$284.89*
Intel Core i7-8700T @ 2.40GHz	12,658	\$509.00
Intel Core i5-8600 @ 3.10GHz	12,658	\$248.99*
Intel Core i5-9400F @ 2.90GHz	12,374	\$175.99
AMD Ryzen 5 1600	12,269	\$154.99
Intel Core i7-7740X @ 4.30GHz	12,268	\$409.90
AMD Ryzen 5 PRO 1600	12,213	NA
Intel Core i7-7700K @ 4.20GHz	12,036	\$379.00
Intel Core i5-8500 @ 3.00GHz	11,876	\$219.00
Intel Core i5-8400 @ 2.80GHz	11,619	\$184.99
Intel Core i5-8600T @ 2.30GHz	10,913	\$373.99*
Intel Core i7-5775R @ 3.30GHz	10,857	NA
Intel Core i7-7700 @ 3.60GHz	10,733	\$319.99
AMD Ryzen 5 PRO 1500	10,118	NA
AMD Ryzen 5 1500X	10,081	\$144.99
AMD Ryzen 5 PRO 2400G	10,046	NA
Intel Core i5-8500T @ 2.10GHz	10,043	\$218.34*
Intel Core i5-8400T @ 1.70GHz	9,578	\$189.00
Intel Core i5-7640X @ 4.00GHz	9,520	\$342.40
AMD Ryzen 5 PRO 2400GE	9,376	NA
AMD Ryzen 5 2400G	9,276	\$149.99
Intel Core i7-7700T @ 2.90GHz	9,259	\$841.00*
Intel Core i3-8350K @ 4.00GHz	9,218	\$201.05
Intel Core i5-7600K @ 3.80GHz	9,125	\$250.99

AMD Ryzen 3 2300X	9,011	NA
Intel Core i5-7600 @ 3.50GHz	8,739	\$229.00
Intel Core i7-6700TE @ 2.40GHz	8,696	NA
Intel Core i3-8300 @ 3.70GHz	8,661	\$186.27*
AMD Ryzen 5 1400	8,373	\$134.99
Intel Core i5-7600T @ 2.80GHz	8,097	\$261.25
Intel Core i3-8100 @ 3.60GHz	8,061	\$118.99
AMD Ryzen 3 PRO 2200G	8,060	NA
Intel Core i5-5675R @ 3.10GHz	8,054	NA
Intel Core i5-7500 @ 3.40GHz	8,026	\$231.68
AMD Ryzen 3 PRO 1300	8,022	NA
Intel Core i3-8300T @ 3.20GHz	7,934	\$170.49*
AMD Ryzen 5 2400GE	7,932	NA
AMD Ryzen 3 PRO 2200GE	7,698	NA
AMD Ryzen 3 1300X	7,497	\$134.99
Intel Core i3-8100T @ 3.10GHz	7,483	\$139.00*
Intel Core i5-4670R @ 3.00GHz	7,419	\$276.00*
Intel Core i5-7400 @ 3.00GHz	7,335	\$209.00
AMD Ryzen 3 2200G	7,322	\$94.99
Intel Core i5-6402P @ 2.80GHz	7,100	\$189.99*
AMD Ryzen 3 PRO 1200	7,069	NA
Intel Core i5-7500T @ 2.70GHz	6,997	\$264.91
AMD FX-6330 Six-Core	6,916	NA
AMD Ryzen 3 2200GE	6,861	NA
AMD Ryzen 3 1200	6,742	\$89.99
Intel Core i3-7350K @ 4.20GHz	6,619	\$215.11
Intel Core i3-7320 @ 4.10GHz	6,519	\$182.72
Intel Core i5-7400T @ 2.40GHz	6,430	\$189.00
Intel Core i3-7300 @ 4.00GHz	6,386	\$171.84
AMD PRO A12-9800	6,199	\$169.00*
AMD PRO A12-8870	6,067	NA
Intel Core i3-7100 @ 3.90GHz	5,782	\$168.25
AMD PRO A10-8770	5,707	NA
AMD A10-7890K	5,705	\$199.99
Intel Pentium Gold G5600 @ 3.90GHz	5,683	\$151.91
AMD PRO A10-9700	5,677	\$169.00*
AMD A10-8850	5,598	NA
AMD Athlon X4 880K	5,539	\$99.99
AMD A12-9800	5,518	\$109.99
AMD A10-9700	5,457	\$79.99
Intel Core i3-6098P @ 3.60GHz	5,423	\$133.74*
AMD Athlon X4 845	5,422	\$53.39
Intel Core i3-7300T @ 3.50GHz	5,369	\$181.59*
AMD Athlon X4 870K	5,327	\$79.99
AMD Athlon 240GE	5,301	\$71.99
AMD PRO A8-9600	5,277	\$119.00*
AMD Athlon X4 950	5,261	\$62.29
Intel Pentium Gold G5500 @ 3.80GHz	5,214	\$178.99*
Intel Pentium G4620 @ 3.70GHz	5,204	\$113.66*
AMD Athlon PRO 200GE	5,204	NA

Intel Pentium Gold G5400 @ 3.70GHz	5,201	\$202.22
Intel Core i3-7101TE @ 3.40GHz	5,196	\$117.00*
AMD PRO A12-8870E	5,186	NA
AMD A12-9800E	5,104	\$114.49
Intel Pentium G4600 @ 3.60GHz	5,085	\$110.54
AMD A10-7860K	5,071	\$175.00*
AMD PRO A10-9700E	5,066	\$139.00*
AMD PRO A10-8770E	5,045	NA
AMD Phenom II X6 1405T	5,042	NA
Intel Core i3-7100T @ 3.40GHz	5,042	\$89.00*
AMD PRO A8-8670E	5,015	NA
AMD A8-9600	4,994	\$66.69
AMD Athlon 200GE	4,961	\$59.99
Intel Core i3-4370T @ 3.30GHz	4,890	\$138.00*
Intel Pentium G4560 @ 3.50GHz	4,867	\$99.99
AMD PRO A12-9800E	4,769	\$169.00*
AMD A10-9700E	4,747	\$69.99
AMD Athlon X4 830	4,701	NA
AMD FirePro A320 APU	4,540	NA
Intel Pentium G4600T @ 3.00GHz	4,272	\$177.28*
AMD Phenom II X4 B70	4,261	NA
Intel Pentium Gold G5500T @ 3.20GHz	4,218	\$75.00*
Intel Pentium G4560T @ 2.90GHz	3,983	\$109.99
Intel Core i7-7Y75 @ 1.30GHz	3,750	NA
Intel Core i3-2102 @ 3.10GHz	3,736	\$58.00*
Intel Core i3-3250T @ 3.00GHz	3,614	NA
Intel Pentium G4500T @ 3.00GHz	3,471	NA
Intel Celeron G4920 @ 3.20GHz	3,302	\$93.90
Intel Celeron G4900 @ 3.10GHz	3,289	\$66.50
AMD PRO A6-9500	3,239	\$74.00*
Intel Celeron G3920 @ 2.90GHz	3,123	\$79.98
AMD PRO A6-8570	3,049	NA
Intel Celeron G3930 @ 2.90GHz	3,030	\$51.17*
AMD A6-9500	3,011	\$56.51
Intel Celeron G3950 @ 3.00GHz	3,006	\$71.22*
AMD PRO A6-8550B	2,985	NA
Intel Celeron G4900T @ 2.90GHz	2,960	NA
Intel Celeron G3900T @ 2.60GHz	2,919	NA
Intel Pentium Silver J5005 @ 1.50GHz	2,904	\$219.92*
AMD Athlon 5370 APU	2,901	\$63.70*
AMD Phenom X4 Quad-Core GP-9730	2,897	NA
AMD A6-9500E	2,889	\$59.99
AMD PRO A6-8570E	2,824	NA
Intel Pentium G2100T @ 2.60GHz	2,802	NA
AMD PRO A4-8350B	2,791	NA
Intel Celeron G3930T @ 2.70GHz	2,766	\$85.99*
AMD PRO A6-9500E	2,760	\$74.00*
AMD A6-7470K	2,727	\$243.00
Intel Celeron J4105 @ 1.50GHz	2,634	\$107.00*
AMD A9-9430	2,543	NA
Intel Pentium J4205 @ 1.50GHz	2,302	NA

Intel Celeron J3455 @ 1.50GHz	2,134	\$379.99*
AMD Sempron 240	2,110	\$58.00
AMD A6-9230	2,102	NA
AMD Phenom X4 Quad-Core GP-9530	1,994	NA
Intel Pentium J3710 @ 1.60GHz	1,923	NA
Intel Celeron J3160 @ 1.60GHz	1,791	NA
Intel Celeron J4005 @ 2.00GHz	1,559	\$140.51*
AMD E2-9030	1,515	NA
Intel Celeron J3355 @ 2.00GHz	1,180	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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