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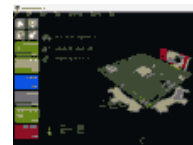
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New Desktop CPU Performance

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.

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PassMark - CPU Mark Desktop CPU Performance - Updated 11th of March 2018

		Price (USD)
Intel Core i9-7980XE @ 2.60GHz	27,736	\$1,898.70
Intel Core i9-7960X @ 2.80GHz	25,515	\$1,564.99
Intel Core i9-7940X @ 3.10GHz	25,070	\$1,369.29
Intel Core i9-7920X @ 2.90GHz	23,284	\$1,101.36
Intel Core i9-7900X @ 3.30GHz	22,174	\$933.55
AMD Ryzen Threadripper 1950X	22,126	\$874.99
Intel Core i7-6950X @ 3.00GHz	19,997	\$1,531.99
Intel Core i7-7820X @ 3.60GHz	18,657	\$464.54
Intel Core i7-7900X @ 3.30GHz	18,539	NA
AMD Ryzen Threadripper 1920X	18,200	\$749.99
Intel Core i7-6900K @ 3.20GHz	17,690	\$1,015.00
Intel Core i7-8700K @ 3.70GHz	16,114	\$333.00
AMD Ryzen Threadripper 1900X	15,916	\$449.99
AMD Ryzen 7 1800X	15,395	\$357.89
Intel Core i7-8700 @ 3.20GHz	15,294	\$374.45*
AMD Ryzen 7 PRO 1700X	15,221	NA
AMD Ryzen 7 PRO 1700	14,859	NA
AMD Ryzen 7 1700X	14,621	\$289.00
Intel Core i7-7800X @ 3.50GHz	14,578	\$364.62
Intel Core i7-6850K @ 3.60GHz	14,385	\$449.00
AMD Ryzen 7 1700	13,752	\$279.99
Intel Core i7-6800K @ 3.40GHz	13,612	\$399.98
AMD Ryzen 5 1600X	13,238	\$205.95
Intel Core i5-8600K @ 3.60GHz	12,784	\$242.83
AMD Ryzen 5 1600	12,301	\$189.00
Intel Core i7-7740X @ 4.30GHz	12,227	\$351.41

AMD Ryzen 5 PRO 1600	12,213	NA
Intel Core i7-7700K @ 4.20GHz	12,075	\$309.99
Intel Core i5-8400 @ 2.80GHz	11,776	\$199.99*
Intel Core i7-6700K @ 4.00GHz	11,112	\$359.14
Intel Core i7-5775C @ 3.30GHz	11,013	\$440.44*
AMD Ryzen 5 PRO 1500	10,868	NA
Intel Core i7-5775R @ 3.30GHz	10,837	NA
Intel Core i7-7700 @ 3.60GHz	10,793	\$304.99
AMD Ryzen 5 1500X	10,365	\$159.99
Intel Core i7-6700 @ 3.40GHz	10,037	\$314.79
AMD Ryzen 5 2400G	9,377	\$168.75
Intel Core i5-7640X @ 4.00GHz	9,222	\$229.00
Intel Core i7-7700T @ 2.90GHz	9,189	\$347.58
Intel Core i3-8350K @ 4.00GHz	9,184	\$179.11
Intel Core i5-7600K @ 3.80GHz	9,155	\$219.99
Intel Core i7-6700T @ 2.80GHz	9,037	\$339.00*
Intel Core i7-6700TE @ 2.40GHz	9,029	NA
Intel Core i5-7600 @ 3.50GHz	8,884	\$219.99
AMD Ryzen 5 1400	8,403	\$154.00
AMD Ryzen 3 PRO 1300	8,270	NA
Intel Core i5-5675C @ 3.10GHz	8,182	\$512.08*
Intel Core i7-5675C @ 3.10GHz	8,164	NA
Intel Core i5-7600T @ 2.80GHz	8,163	\$251.11
Intel Core i3-8100 @ 3.60GHz	8,094	\$116.46
Intel Core i5-7500 @ 3.40GHz	8,087	\$194.99
Intel Core i5-5675R @ 3.10GHz	8,061	NA
Intel Core i5-6600K @ 3.50GHz	8,043	\$256.45
Intel Core i5-6600 @ 3.30GHz	7,759	\$232.25
AMD Ryzen 3 1300X	7,526	\$114.99
Intel Core i5-5575R @ 2.80GHz	7,434	NA
AMD Ryzen 3 2200G	7,421	\$99.99
Intel Core i5-7400 @ 3.00GHz	7,404	\$164.00
Intel Core i5-6402P @ 2.80GHz	7,396	\$189.99*
Intel Core i5-6600T @ 2.70GHz	7,302	\$190.00
AMD Ryzen 3 PRO 1200	7,277	NA
Intel Core i5-6500 @ 3.20GHz	7,230	\$199.78
Intel Core i5-7500T @ 2.70GHz	7,165	\$226.94
Intel Core i7-4770TE @ 2.30GHz	7,065	NA
AMD Ryzen 3 1200	6,851	\$94.00
Intel Core i5-6400 @ 2.70GHz	6,756	\$180.74
AMD FX-6330 Six-Core	6,755	NA
Intel Core i3-7350K @ 4.20GHz	6,628	\$159.99
Intel Core i5-6500TE @ 2.30GHz	6,585	NA
Intel Core i5-7400T @ 2.40GHz	6,574	\$159.00
Intel Core i3-7320 @ 4.10GHz	6,543	\$168.46
Intel Core i3-7300 @ 4.00GHz	6,437	\$159.99
Intel Core i5-6500T @ 2.50GHz	6,216	NA
AMD PRO A12-9800	6,199	\$169.00*
AMD PRO A12-8870	6,177	NA
Intel Core i3-6320 @ 3.90GHz	6,043	\$165.76
Intel Core i3-6300 @ 3.80GHz	5,853	\$140.74
AMD PRO A10-8850B	5,852	NA
Intel Core i3-7100 @ 3.90GHz	5,824	\$113.99
AMD A10-7890K	5,745	\$240.00
AMD PRO A10-8770	5,742	NA
AMD PRO A10-8750B	5,653	NA
AMD PRO A10-9700	5,640	\$169.00*

AMD A10-8850	5,613	NA
Intel Core i5-6400T @ 2.20GHz	5,603	\$169.00
AMD A12-9800	5,591	\$109.99
AMD Athlon X4 880K	5,586	\$88.08
Intel Core i3-6098P @ 3.60GHz	5,535	\$133.74*
AMD A10-9700	5,515	\$89.99
AMD A10-7870K	5,493	\$112.01*
Intel Core i3-6100 @ 3.70GHz	5,493	\$114.64
AMD A8-8650	5,470	NA
AMD PRO A8-8650B	5,457	NA
AMD Athlon X4 845	5,434	\$173.89
AMD Athlon X4 950	5,394	\$62.99
Intel Core i3-7300T @ 3.50GHz	5,366	NA
AMD PRO A8-9600	5,342	\$119.00*
AMD Athlon X4 870K	5,312	\$78.22*
Intel Pentium G4620 @ 3.70GHz	5,263	\$100.34
AMD FX-4330	5,239	NA
Intel Core i3-6300T @ 3.30GHz	5,236	\$163.63
Intel Core i3-4170 @ 3.70GHz	5,183	\$139.00
AMD A10-8750	5,143	NA
Intel Pentium G4600 @ 3.60GHz	5,133	\$90.99
AMD A10-7860K	5,099	\$158.34
AMD A12-9800E	5,097	\$109.99
AMD A8-7670K	5,075	\$144.45
Intel Core i3-7100T @ 3.40GHz	5,054	NA
AMD Phenom II X6 1405T	5,042	NA
Intel Core i3-7101TE @ 3.40GHz	5,016	\$117.00*
AMD FX-4320	5,007	NA
AMD PRO A10-9700E	4,996	\$139.00*
AMD A8-9600	4,982	\$69.99
Intel Pentium G4560 @ 3.50GHz	4,900	\$77.77
AMD PRO A10-8770E	4,881	NA
Intel Core i3-6100T @ 3.20GHz	4,838	\$119.63
Intel Core i3-4370T @ 3.30GHz	4,832	\$138.00*
AMD PRO A12-8870E	4,814	NA
AMD PRO A12-9800E	4,812	\$169.00*
AMD A10-9700E	4,775	\$88.99
AMD Athlon X4 830	4,701	NA
Intel Core i3-4170T @ 3.20GHz	4,578	\$149.95
AMD Athlon X4 750 Quad Core	4,551	NA
AMD FirePro A320 APU	4,540	NA
Intel Pentium G4600T @ 3.00GHz	4,328	\$87.78*
Intel Core i3-6100TE @ 2.70GHz	4,317	NA
AMD Phenom II X4 B70	4,261	NA
Intel Pentium G4520 @ 3.60GHz	4,195	\$90.89
Intel Pentium G4560T @ 2.90GHz	4,137	\$74.52*
Intel Pentium G4500 @ 3.50GHz	4,033	\$70.99
Intel Core i3-2102 @ 3.10GHz	3,817	NA
Intel Core i7-7Y75 @ 1.30GHz	3,790	NA
Intel Pentium G3470 @ 3.60GHz	3,706	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3,578	\$54.99
Intel Pentium G4500T @ 3.00GHz	3,471	NA
Intel Celeron G3920 @ 2.90GHz	3,412	\$42.16
Intel Pentium G3260 @ 3.30GHz	3,380	\$148.12
Intel Celeron G3950 @ 3.00GHz	3,334	\$126.03*
AMD PRO A6-9500	3,262	\$74.00*
	3,248	

Intel Pentium G4400T @ 2.90GHz		NA
AMD Athlon II X4 638 Quad-Core	3,198	NA
AMD A6-9500	3,187	\$65.31
AMD A6-8550	3,104	NA
Intel Celeron G3930 @ 2.90GHz	3,073	NA
AMD PRO A6-8570	3,049	NA
Intel Celeron G3900 @ 2.80GHz	3,042	\$36.99
AMD PRO A6-8550B	3,042	NA
Intel Core i3-3250T @ 3.00GHz	3,021	NA
Intel Pentium G3450T @ 2.90GHz	2,967	NA
Intel Pentium G3260T @ 2.90GHz	2,914	\$99.99*
AMD PRO A6-8570E	2,906	NA
Intel Celeron G3900T @ 2.60GHz	2,902	NA
AMD Athlon 5370 APU	2,887	\$63.70*
AMD PRO A4-8350B	2,881	NA
AMD A6-7470K	2,848	\$100.00
AMD Phenom X4 Quad-Core GP-9730	2,812	NA
Intel Pentium G2100T @ 2.60GHz	2,802	NA
AMD PRO A6-9500E	2,752	\$74.00*
AMD A9-9430	2,705	NA
Intel Celeron G1840T @ 2.50GHz	2,605	NA
Intel Pentium J4205 @ 1.50GHz	2,297	NA
AMD A6-9230	2,274	NA
Intel Celeron J3455 @ 1.50GHz	2,142	\$233.52*
AMD Phenom X4 Quad-Core GP-9530	1,994	NA
Intel Pentium J3710 @ 1.60GHz	1,990	NA
AMD Phenom II X2 570	1,960	NA
Intel Celeron J3160 @ 1.60GHz	1,789	NA
AMD Sempron X2 198 Dual-Core	1,413	NA
Intel Celeron J3355 @ 2.00GHz	1,291	NA
Intel Celeron J3060 @ 1.60GHz	983	NA
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* - Last seen price from our affiliates.

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