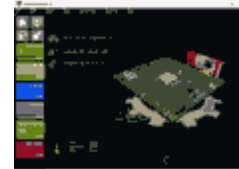


CPU Benchmarks

Over 800,000 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.

How does your CPU compare?

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

CPU Mark | Price Performance | Sorted by Date

(Click to select desired chart)

PassMark - CPU Mark Desktop CPU Performance - Updated 31st of October 2017

		Price (USD)
Intel Core i9-7980XE @ 2.60GHz	27,958	\$2,099.99
Intel Core i9-7960X @ 2.80GHz	26,346	\$1,784.99
Intel Core i9-7940X @ 3.10GHz	25,502	\$1,399.00
Intel Core i9-7920X @ 2.90GHz	23,662	\$1,199.99
Intel Core i9-7900X @ 3.30GHz	22,617	\$969.99
AMD Ryzen Threadripper 1950X	22,340	\$879.99
Intel Core i7-6950X @ 3.00GHz	20,023	\$1,499.89
AMD Ryzen Threadripper 1920X	19,640	\$748.79
Intel Core i7-7820X @ 3.60GHz	18,717	\$569.99
Intel Core i7-6900K @ 3.20GHz	17,718	\$888.00
Intel Core i7-8700K @ 3.70GHz	16,464	NA
AMD Ryzen Threadripper 1900X	15,813	\$499.99
Intel Core i7-8700 @ 3.20GHz	15,489	\$312.00*
AMD Ryzen 7 1800X	15,440	\$399.99
AMD Ryzen 7 PRO 1700X	15,433	NA
AMD Ryzen 7 PRO 1700	14,793	NA
Intel Core i7-7800X @ 3.50GHz	14,712	\$359.99
AMD Ryzen 7 1700X	14,637	\$299.99
Intel Core i7-6850K @ 3.60GHz	14,397	\$349.99
AMD Ryzen 7 1700	13,779	
Intel Core i7-6800K @ 3.40GHz	13,616	
AMD Ryzen 5 1600X	13,353	
Intel Core i5-8600K @ 3.60GHz	12,905	

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AMD Ryzen 5 1600	12,356	\$209.99
Intel Core i7-7740X @ 4.30GHz	12,257	\$329.99
AMD Ryzen 5 PRO 1600	12,213	NA
Intel Core i7-7700K @ 4.20GHz	12,112	\$329.89
Intel Core i5-8400 @ 2.80GHz	11,348	\$371.72
Intel Core i7-6700K @ 4.00GHz	11,110	\$339.99
Intel Core i7-5775C @ 3.30GHz	11,046	\$392.81
Intel Core i7-5775R @ 3.30GHz	10,960	NA
Intel Core i7-7700 @ 3.60GHz	10,808	\$281.49
AMD Ryzen 5 PRO 1500	10,784	NA
AMD Ryzen 5 1500X	10,477	\$169.99
Intel Core i7-6700 @ 3.40GHz	10,014	\$294.00
Intel Core i3-8350K @ 4.00GHz	9,614	\$269.99
Intel Core i7-7700T @ 2.90GHz	9,343	\$299.00
Intel Core i5-7640X @ 4.00GHz	9,337	\$229.00
Intel Core i5-7600K @ 3.80GHz	9,235	\$237.00
Intel Core i7-6700TE @ 2.40GHz	9,091	NA
Intel Core i7-6700T @ 2.80GHz	9,063	\$297.00
Intel Core i5-7600 @ 3.50GHz	8,893	\$219.99
AMD Ryzen 5 1400	8,442	\$149.99
Intel Core i5-7600T @ 2.80GHz	8,263	\$219.65
AMD Ryzen 3 PRO 1300	8,173	NA
Intel Core i7-5675C @ 3.10GHz	8,164	NA
Intel Core i5-5675C @ 3.10GHz	8,144	\$290.12
Intel Core i5-7500 @ 3.40GHz	8,103	\$195.88
Intel Core i5-5675R @ 3.10GHz	8,061	NA
Intel Core i5-6600K @ 3.50GHz	8,028	\$239.99
Intel Core i3-8100 @ 3.60GHz	7,896	\$146.49
Intel Core i5-6600 @ 3.30GHz	7,741	\$232.09
AMD Ryzen 3 1300X	7,456	\$129.99
Intel Core i5-5575R @ 2.80GHz	7,434	NA
Intel Core i5-6402P @ 2.80GHz	7,430	\$189.99*
Intel Core i5-4670K CPT @ 3.40GHz	7,411	NA
Intel Core i5-7400 @ 3.00GHz	7,408	\$165.00
Intel Core i5-6600T @ 2.70GHz	7,318	\$472.40*
Intel Core i5-6500 @ 3.20GHz	7,225	\$204.99
Intel Core i5-7500T @ 2.70GHz	7,203	\$209.89
AMD Ryzen 3 PRO 1200	7,185	NA
Intel Core i7-4770TE @ 2.30GHz	7,065	NA
AMD Ryzen 3 1200	6,800	\$107.77
Intel Core i5-6400 @ 2.70GHz	6,736	\$189.52
Intel Core i3-7350K @ 4.20GHz	6,717	\$144.20
Intel Core i5-7400T @ 2.40GHz	6,591	\$159.00
Intel Core i3-7320 @ 4.10GHz	6,591	\$170.99*
Intel Core i5-6500TE @ 2.30GHz	6,483	NA
Intel Core i3-7300 @ 4.00GHz	6,470	\$159.99*
Intel Core i5-4690T @ 2.50GHz	6,392	
AMD PRO A12-9800	6,199	
Intel Core i5-6500T @ 2.50GHz	6,197	
AMD PRO A12-8870	6,177	
	6,051	

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Intel Core i3-6320 @ 3.90GHz		\$159.99
Intel Core i3-6300 @ 3.80GHz	5,860	\$137.57
Intel Core i3-7100 @ 3.90GHz	5,849	\$93.00
AMD PRO A10-8850B	5,848	NA
AMD A10-7890K	5,752	\$182.07*
AMD PRO A10-9700	5,742	\$169.00*
AMD PRO A10-8770	5,742	NA
AMD A12-9800	5,670	\$94.00
AMD PRO A10-8750B	5,653	NA
AMD A10-8850	5,613	NA
Intel Core i5-6400T @ 2.20GHz	5,583	\$179.00
AMD Athlon X4 880K	5,581	\$91.13
Intel Core i3-6098P @ 3.60GHz	5,565	\$133.74*
AMD A10-9700	5,534	\$89.99
AMD A12-9800E	5,506	\$104.99
AMD A10-7870K	5,489	\$173.89*
Intel Core i3-6100 @ 3.70GHz	5,487	\$109.12
AMD A8-8650	5,487	NA
AMD A10 PRO-7850B APU	5,480	NA
AMD PRO A8-8650B	5,457	NA
AMD Athlon X4 950	5,438	\$59.99
AMD Athlon X4 845	5,423	\$97.63
Intel Core i3-7300T @ 3.50GHz	5,366	NA
AMD PRO A8-9600	5,342	\$119.00*
Intel Pentium G4620 @ 3.70GHz	5,316	\$99.99*
AMD Athlon X4 870K	5,268	\$82.01*
Intel Core i3-6300T @ 3.30GHz	5,229	\$165.73
AMD FX-4330	5,196	NA
Intel Core i3-7100T @ 3.40GHz	5,179	NA
Intel Core i3-4170 @ 3.70GHz	5,177	\$129.44
AMD A10-8750	5,167	NA
Intel Pentium G4600 @ 3.60GHz	5,137	\$96.95
AMD A10-7860K	5,133	\$96.29
AMD A8-9600	5,086	\$69.99
AMD PRO A10-9700E	5,083	\$139.00*
AMD A8-7670K	5,066	\$101.99
AMD Athlon X4 840	5,053	\$78.74*
AMD FX-4320	5,005	NA
Intel Core i3-7101TE @ 3.40GHz	4,927	\$117.00*
Intel Pentium G4560 @ 3.50GHz	4,927	\$99.99*
AMD A8-7650K	4,924	\$87.00
AMD PRO A10-8770E	4,881	NA
AMD FX-770K Quad-Core	4,848	NA
Intel Core i3-6100T @ 3.20GHz	4,827	\$99.99
AMD PRO A12-8870E	4,814	NA
AMD PRO A12-9800E	4,812	\$169.00*
Intel Core i3-4170T @ 3.20GHz	4,560	
AMD Athlon X4 750 Quad Core	4,551	
AMD FirePro A320 APU	4,540	
Intel Core i3-6100TE @ 2.70GHz	4,334	
	4,328	

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Intel Pentium G4600T @ 3.00GHz		NA
AMD Phenom II X4 B70	4,261	NA
Intel Pentium G4520 @ 3.60GHz	4,195	\$91.20
Intel Pentium G4560T @ 2.90GHz	4,181	NA
Intel Core i7-7Y75 @ 1.30GHz	3,946	NA
Intel Core i3-2102 @ 3.10GHz	3,817	NA
Intel Pentium G4500 @ 3.50GHz	3,796	\$71.99
Intel Pentium G3470 @ 3.60GHz	3,702	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3,590	\$53.60
Intel Pentium G4500T @ 3.00GHz	3,471	NA
Intel Celeron G3920 @ 2.90GHz	3,412	\$46.09
Intel Pentium G3260 @ 3.30GHz	3,381	\$82.03
Intel Celeron G3950 @ 3.00GHz	3,334	\$126.03*
AMD PRO A6-9500	3,262	\$74.00*
Intel Pentium G4400T @ 2.90GHz	3,243	NA
AMD A6-9500	3,219	\$58.98
AMD Athlon II X4 638 Quad-Core	3,198	NA
AMD A6-8550	3,104	NA
Intel Pentium G3440T @ 2.80GHz	3,101	NA
Intel Celeron G3900 @ 2.80GHz	3,058	\$41.36
Intel Celeron G3930 @ 2.90GHz	3,053	NA
AMD PRO A6-8570	3,049	NA
AMD PRO A6-8550B	3,042	NA
Intel Core i3-3250T @ 3.00GHz	3,021	NA
Intel Pentium G3250T @ 2.80GHz	2,970	\$45.99*
Intel Pentium G3450T @ 2.90GHz	2,967	NA
Intel Pentium G3260T @ 2.90GHz	2,919	\$99.99
AMD PRO A6-8570E	2,906	NA
Intel Celeron G3900T @ 2.60GHz	2,902	NA
AMD PRO A4-8350B	2,881	NA
AMD Athlon 5370 APU	2,874	\$63.70*
AMD A6-7470K	2,822	\$69.00
AMD Phenom X4 Quad-Core GP-9730	2,812	NA
Intel Pentium G2100T @ 2.60GHz	2,802	NA
AMD A4 PRO-7350B	2,794	NA
AMD PRO A6-9500E	2,752	\$74.00*
AMD A6 PRO-7400B	2,721	NA
AMD A6-6420B APU	2,612	NA
Intel Celeron G1840T @ 2.50GHz	2,605	NA
AMD A6-9230	2,486	NA
AMD A4 PRO-7300B APU	2,342	NA
Intel Pentium J4205 @ 1.50GHz	2,300	NA
Intel Celeron J3455 @ 1.50GHz	2,171	\$233.52*
AMD Phenom X4 Quad-Core GP-9530	1,994	NA
Intel Pentium J3710 @ 1.60GHz	1,987	NA
AMD Phenom II X2 570	1,960	NA
Intel Celeron J3160 @ 1.60GHz	1,796	
AMD Sempron X2 198 Dual-Core	1,413	
Intel Celeron J3355 @ 2.00GHz	1,290	
Intel Celeron J3060 @ 1.60GHz	962	

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