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CPU Benchmarks

Over 800,000 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.

CPU Mark | Price Performance | Sorted by Date
 (Click to select desired chart)

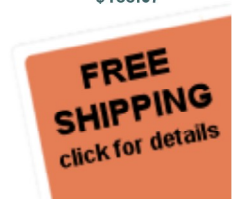
PassMark - CPU Mark


Desktop CPU Performance - Updated 17th of October 2017

Processor	Score	Price (USD)
Intel Core i9-7980XE @ 2.60GHz	27,600	\$1,999.00*
Intel Core i9-7940X @ 3.10GHz	26,009	\$1,399.00*
Intel Core i9-7960X @ 2.80GHz	25,364	\$1,699.00
Intel Core i9-7920X @ 2.90GHz	23,292	\$1,129.89
Intel Core i9-7900X @ 3.30GHz	22,700	\$962.89
AMD Ryzen Threadripper 1950X	22,577	\$999.99
Intel Core i7-6950X @ 3.00GHz	20,033	\$1,559.95
AMD Ryzen Threadripper 1920X	19,640	\$784.16
Intel Core i7-7820X @ 3.60GHz	18,764	\$574.99
Intel Core i7-6900K @ 3.20GHz	17,718	\$1,049.99
Intel Core i7-8700K @ 3.70GHz	16,801	
AMD Ryzen Threadripper 1900X	15,813	
Intel Core i7-8700 @ 3.20GHz	15,508	



AMD Ryzen 7 1800X	15,441	\$439.89
AMD Ryzen 7 PRO 1700X	15,433	NA
AMD Ryzen 7 PRO 1700	14,950	NA
Intel Core i7-7800X @ 3.50GHz	14,671	\$363.38
AMD Ryzen 7 1700X	14,642	\$348.00
Intel Core i7-6850K @ 3.60GHz	14,395	\$349.89
AMD Ryzen 7 1700	13,785	\$299.99
Intel Core i7-6800K @ 3.40GHz	13,617	\$324.99
Intel Core i5-8600K @ 3.60GHz	13,366	\$258.00*
AMD Ryzen 5 1600X	13,174	\$227.00
AMD Ryzen 5 1600	12,354	\$209.99
Intel Core i7-7740X @ 4.30GHz	12,327	\$329.99
Intel Core i7-7700K @ 4.20GHz	12,118	\$334.64
Intel Core i7-6700K @ 4.00GHz	11,109	\$339.99
Intel Core i7-5775C @ 3.30GHz	11,046	\$392.81
Intel Core i7-5775R @ 3.30GHz	10,914	NA
Intel Core i7-7700 @ 3.60GHz	10,813	\$281.49
AMD Ryzen 5 PRO 1500	10,784	NA
Intel Core i5-8400 @ 2.80GHz	10,700	\$187.00*
AMD Ryzen 5 PRO 1600	10,503	NA
AMD Ryzen 5 1500X	10,481	\$178.00
Intel Core i7-6700 @ 3.40GHz	10,013	\$309.00
Intel Core i3-8350K @ 4.00GHz	9,543	\$179.99
Intel Core i7-7700T @ 2.90GHz	9,411	\$309.43
Intel Core i5-7640X @ 4.00GHz	9,337	\$229.00
Intel Core i5-7600K @ 3.80GHz	9,242	\$236.97
Intel Core i7-6700TE @ 2.40GHz	9,091	NA
Intel Core i7-6700T @ 2.80GHz	9,061	\$324.95
Intel Core i5-7600 @ 3.50GHz	8,832	\$219.99
AMD Ryzen 5 1400	8,436	\$159.97
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	\$289.43
Intel Core i5-7500 @ 3.40GHz	8,095	\$188.00
Intel Core i5-5675R @ 3.10GHz	8,061	NA
Intel Core i5-6600K @ 3.50GHz	8,028	\$239.99
Intel Core i5-6600 @ 3.30GHz	7,741	\$244.03
Intel Core i5-6402P @ 2.80GHz	7,450	\$189.99*
Intel Core i5-5575R @ 2.80GHz	7,434	NA
Intel Core i5-7400 @ 3.00GHz	7,416	\$188.07
Intel Core i5-4670K CPT @ 3.40GHz	7,411	
AMD Ryzen 3 1300X	7,327	
Intel Core i5-6600T @ 2.70GHz	7,318	
Intel Core i5-6500 @ 3.20GHz	7,225	




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		6,829	\$109.97
Intel Core i3-7350K @ 4.20GHz		6,743	\$156.99
Intel Core i5-6400 @ 2.70GHz		6,733	\$189.52
Intel Core i5-7400T @ 2.40GHz		6,591	\$193.50
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		6,481	\$159.99
Intel Core i5-4690T @ 2.50GHz		6,392	NA
AMD PRO A12-9800		6,199	\$169.00*
Intel Core i5-6500T @ 2.50GHz		6,184	NA
AMD PRO A12-8870		6,177	NA
Intel Core i3-6320 @ 3.90GHz		6,051	\$164.31
Intel Core i3-8100 @ 3.60GHz		5,949	\$117.00
Intel Core i3-7100 @ 3.90GHz		5,854	\$122.71
Intel Core i3-6300 @ 3.80GHz		5,851	\$147.93
AMD PRO A10-8850B		5,848	NA
AMD A10-7890K		5,758	\$182.07*
AMD PRO A10-9700		5,742	\$169.00*
AMD PRO A10-8770		5,742	NA
AMD A12-9800		5,666	\$94.00
Intel Core i3-7300T @ 3.50GHz		5,663	NA
AMD PRO A10-8750B		5,653	NA
AMD A10-8850		5,613	NA
Intel Core i5-6400T @ 2.20GHz		5,579	\$169.99
AMD Athlon X4 880K		5,578	\$87.15*
Intel Core i3-6098P @ 3.60GHz		5,568	\$133.74*
AMD A10-9700		5,542	\$89.99
AMD A12-9800E		5,506	\$104.99
AMD A10-7870K		5,492	\$173.89
AMD A8-8650		5,487	NA
Intel Core i3-6100 @ 3.70GHz		5,485	\$109.12
AMD A10 PRO-7850B APU		5,480	NA
AMD PRO A8-8650B		5,457	NA
AMD Athlon X4 950		5,449	\$57.89
AMD Athlon X4 845		5,420	\$97.63
AMD A10 PRO-7800B APU		5,409	NA
AMD PRO A8-9600		5,342	\$119.00*
Intel Pentium G4620 @ 3.70GHz		5,314	\$112.22
AMD Athlon X4 870K		5,242	
Intel Core i3-6300T @ 3.30GHz		5,229	
AMD FX-4330		5,196	
Intel Core i3-4170 @ 3.70GHz		5,176	

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Intel Core i3-7100T @ 3.40GHz	5,169	NA
AMD A10-8750	5,167	NA
AMD A10-7860K	5,140	\$87.48
Intel Pentium G4600 @ 3.60GHz	5,140	\$86.99
AMD A8-9600	5,091	\$69.99
AMD PRO A10-9700E	5,083	\$139.00*
AMD A8-7670K	5,054	\$107.04
AMD Athlon X4 840	5,049	\$78.74*
AMD FX-4320	5,005	NA
Intel Pentium G4560 @ 3.50GHz	4,929	\$109.82*
AMD A8-7650K	4,925	\$79.99
AMD PRO A10-8770E	4,881	NA
AMD FX-770K Quad-Core	4,848	NA
Intel Core i3-6100T @ 3.20GHz	4,835	\$98.78
AMD PRO A12-9800E	4,832	\$169.00*
AMD PRO A12-8870E	4,814	NA
Intel Core i3-4170T @ 3.20GHz	4,560	\$165.00*
AMD Athlon X4 750 Quad Core	4,551	NA
AMD FirePro A320 APU	4,540	NA
Intel Core i3-6100TE @ 2.70GHz	4,334	NA
Intel Pentium G4600T @ 3.00GHz	4,328	NA
AMD Phenom II X4 B70	4,261	NA
Intel Pentium G4520 @ 3.60GHz	4,195	\$91.77
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	3,794	\$71.42
Intel Pentium G3470 @ 3.60GHz	3,702	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3,590	\$49.88
Intel Pentium G4500T @ 3.00GHz	3,471	NA
Intel Celeron G3920 @ 2.90GHz	3,412	\$46.09
Intel Pentium G3260 @ 3.30GHz	3,384	\$82.03
Intel Celeron G3950 @ 3.00GHz	3,334	NA
AMD PRO A6-9500	3,262	\$74.00*
Intel Pentium G4400T @ 2.90GHz	3,243	NA
AMD A6-9500	3,212	\$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	3,056	\$41.98
AMD PRO A6-8570	3,049	NA
AMD PRO A6-8550B	3,042	
Intel Celeron G3930 @ 2.90GHz	3,038	
Intel Core i3-3250T @ 3.00GHz	3,021	
Intel Pentium G3250T @ 2.80GHz	2,970	

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Intel Pentium G3450T @ 2.90GHz	 2,967	NA
Intel Pentium G3260T @ 2.90GHz	 2,919	\$97.99*
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	 2,864	\$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	 2,296	NA
Intel Celeron J3455 @ 1.50GHz	 2,171	\$229.12*
Intel Celeron G1820TE @ 2.20GHz	 2,132	NA
AMD Phenom X4 Quad-Core GP-9530	 1,994	NA
Intel Pentium J3710 @ 1.60GHz	 1,986	NA
AMD Phenom II X2 570	 1,960	NA
Intel Celeron J3160 @ 1.60GHz	 1,803	NA
AMD Sempron X2 198 Dual-Core	 1,413	NA
Intel Celeron J3355 @ 2.00GHz	 1,328	NA
Intel Celeron J3060 @ 1.60GHz	 959	NA
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* - Last seen price from our affiliates.

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