



- Home
- Software
- Hardware
- Benchmarks
- Services
- Store
- Support
- Forums
- About Us

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



----Select A Page ----



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 26th of August 2019

		Price (USD)
AMD Ryzen 9 3900X	31,835	\$694.99
Intel Core i9-9980XE @ 3.00GHz	29,798	\$1,914.99
Intel Core i9-9960X @ 3.10GHz	28,107	\$1,399.99
Intel Core i9-7980XE @ 2.60GHz	27,813	\$1,929.99*
Intel Core i9-9940X @ 3.30GHz	27,133	\$1,099.99
Intel Core i9-7960X @ 2.80GHz	26,023	\$1,399.99
AMD Ryzen Threadripper 2950X	25,538	\$654.00
Intel Core i9-7940X @ 3.10GHz	25,364	\$1,339.99
Intel Core i9-9920X @ 3.50GHz	25,360	\$1,065.49
AMD Ryzen 7 3800X	24,600	\$399.00
AMD Ryzen 7 3700X	23,927	\$329.99
Intel Core i9-7920X @ 2.90GHz	23,343	\$1,149.99*
AMD Ryzen Threadripper 2990WX	23,071	\$1,693.64
Intel Core i9-9900X @ 3.50GHz	23,010	\$899.99
AMD Ryzen Threadripper 2920X	22,142	\$377.97
Intel Core i9-7900X @ 3.30GHz	21,883	\$949.99
AMD Ryzen Threadripper 2970WX	21,846	\$922.99

AMD Ryzen Threadripper 1950X	21,822	\$449.99
Intel Core i9-9820X @ 3.30GHz	21,658	\$749.99
AMD Ryzen 5 PRO 3600	21,037	NA
AMD Ryzen 5 3600X	20,506	\$239.00
Intel Core i9-9900KF @ 3.60GHz	20,408	\$439.99
Intel Core i7-7900X @ 3.30GHz	20,406	NA
Intel Core i9-9900K @ 3.60GHz	20,218	\$494.99
AMD Ryzen 5 3600	20,006	\$197.85
Intel Core i7-9800X @ 3.80GHz	19,777	\$599.99
AMD Ryzen Threadripper 1920X	19,766	\$404.99
AMD Ryzen Threadripper 2990X	19,227	NA
Intel Core i9-9900 @ 3.10GHz	18,940	\$439.99
Intel Core i7-7820X @ 3.60GHz	18,494	\$601.92
Intel Core i7-9700KF @ 3.60GHz	17,272	\$349.99
Intel Core i7-9700K @ 3.60GHz	17,214	\$350.00
AMD Ryzen 7 PRO 2700X	17,161	NA
AMD Ryzen 7 2700X	16,956	\$238.88
Intel Core i7-8086K @ 4.00GHz	16,714	\$552.96*
Intel Core i7-9700F @ 3.00GHz	16,498	\$349.00
Intel Core i7-9700 @ 3.00GHz	16,423	\$329.99
AMD Ryzen Threadripper 1900X	16,089	\$199.99
Intel Core i7-8700K @ 3.70GHz	15,963	\$349.99
AMD Ryzen 7 1800X	15,422	\$205.95
AMD Ryzen 7 PRO 2700	15,406	NA
AMD Ryzen 7 PRO 1700X	15,324	NA
Intel Core i7-8700 @ 3.20GHz	15,159	\$359.99
AMD Ryzen 7 2700	15,001	\$184.99
AMD Ryzen 7 1700X	14,681	\$163.95
Intel Core i7-7800X @ 3.50GHz	14,610	\$401.00
AMD Ryzen 5 2600X	14,364	\$148.48
AMD Ryzen 5 PRO 2600	14,221	NA
AMD Ryzen 7 PRO 1700	14,171	NA
AMD Ryzen 7 1700	13,773	\$250.00
Intel Core i5-9600KF @ 3.70GHz	13,708	\$214.99
Intel Core i7-9700T @ 2.00GHz	13,665	\$323.00*
Intel Core i5-9600K @ 3.70GHz	13,533	\$219.00
AMD Ryzen 5 2600	13,497	\$133.00
AMD Ryzen 5 1600X	13,201	\$146.99
Intel Core i5-8600K @ 3.60GHz	12,756	\$281.39
Intel Core i7-8700T @ 2.40GHz	12,726	\$409.00
Intel Core i5-8600 @ 3.10GHz	12,618	\$277.21*
AMD Ryzen 5 1600	12,287	\$123.85
Intel Core i7-7740X @ 4.30GHz	12,275	\$325.99
AMD Ryzen 5 PRO 1600	12,213	NA
Intel Core i5-9400F @ 2.90GHz	12,136	\$144.99
Intel Core i5-9500 @ 3.00GHz	12,092	\$202.00*
Intel Core i7-7700K @ 4.20GHz	12,031	\$351.00
Intel Core i5-8500 @ 3.00GHz	11,898	\$249.00
Intel Core i5-9400 @ 2.90GHz	11,853	\$189.99

Intel Core i5-8400 @ 2.80GHz	11,649	\$215.00
Intel Core i5-8600T @ 2.30GHz	10,981	\$366.99
Intel Core i5-9500T @ 2.20GHz	10,743	\$192.00*
Intel Core i7-7700 @ 3.60GHz	10,728	\$319.99
Intel Core i5-9400T @ 1.80GHz	10,606	NA
Intel Core i3-9350KF @ 4.00GHz	10,606	\$213.80
AMD Ryzen 5 PRO 1500	10,133	NA
AMD Ryzen 5 1500X	10,073	\$136.94
Intel Core i5-8500T @ 2.10GHz	10,029	\$234.36*
Intel Core i3-9300 @ 3.70GHz	10,018	\$152.00*
AMD Ryzen 5 3400G	9,953	\$149.99
AMD Ryzen 5 PRO 2400G	9,949	NA
AMD Ryzen 5 2500X	9,898	NA
Intel Core i5-8400T @ 1.70GHz	9,576	\$169.00
Intel Core i5-7640X @ 4.00GHz	9,545	\$177.21
AMD Ryzen 5 2400G	9,314	\$119.99
Intel Core i7-7700T @ 2.90GHz	9,296	\$309.00
Intel Core i3-8350K @ 4.00GHz	9,229	\$198.75
Intel Core i5-7600K @ 3.80GHz	9,116	\$266.43
Intel Core i3-9100 @ 3.60GHz	9,094	\$174.99
Intel Core i3-9100F @ 3.60GHz	8,995	\$89.99
AMD Ryzen 5 2400GE	8,787	NA
Intel Core i3-9300T @ 3.20GHz	8,777	\$143.00*
Intel Core i5-7600 @ 3.50GHz	8,729	\$243.99
Intel Core i3-8300 @ 3.70GHz	8,700	\$264.79
AMD Ryzen 5 PRO 2400GE	8,561	NA
AMD Ryzen 3 2300X	8,494	NA
AMD Ryzen 5 1400	8,369	\$135.69
Intel Core i5-7600T @ 2.80GHz	8,111	\$261.25
Intel Core i3-8300T @ 3.20GHz	8,032	\$170.49*
AMD Ryzen 3 PRO 1300	8,022	NA
Intel Core i3-8100 @ 3.60GHz	8,019	\$155.67
Intel Core i5-7500 @ 3.40GHz	8,017	\$199.88
AMD Ryzen 3 PRO 2200G	8,008	NA
AMD Ryzen 3 3200G	7,911	\$99.00
Intel Core i3-9100T @ 3.10GHz	7,689	\$122.00*
AMD Ryzen 3 PRO 2200GE	7,613	NA
AMD Ryzen 3 1300X	7,524	\$129.80
Intel Core i5-4670R @ 3.00GHz	7,419	\$276.00*
Intel Core i3-8100T @ 3.10GHz	7,368	\$139.00
Intel Core i5-7400 @ 3.00GHz	7,317	\$207.82
AMD Ryzen 3 2200G	7,314	\$79.99
AMD Ryzen 3 PRO 1200	7,069	NA
Intel Core i5-7500T @ 2.70GHz	7,006	\$223.67
AMD FX-6330 Six-Core	6,916	NA
AMD Ryzen 3 2200GE	6,913	NA
AMD Ryzen 3 1200	6,738	\$59.99
Intel Core i3-7350K @ 4.20GHz	6,599	\$172.99
Intel Core i3-7320 @ 4.10GHz	6,417	\$182.72*

Intel Core i5-7400T @ 2.40GHz	6,403	\$211.07
Intel Core i3-7300 @ 4.00GHz	6,328	\$171.84*
AMD PRO A12-9800	6,132	\$169.00*
AMD PRO A12-8870	6,067	NA
Intel Core i3-7100 @ 3.90GHz	5,782	\$175.39
AMD PRO A10-8770	5,707	NA
AMD PRO A10-9700	5,677	\$169.00*
Intel Pentium Gold G5600 @ 3.90GHz	5,664	\$106.49
AMD A12-9800	5,571	\$148.24*
Intel Pentium Gold G5420 @ 3.80GHz	5,494	\$64.00*
AMD Athlon 240GE	5,411	\$70.04
AMD A10-9700	5,388	\$82.44
Intel Core i3-7300T @ 3.50GHz	5,369	\$181.59*
AMD PRO A8-9600	5,277	\$119.00*
AMD Athlon X4 950	5,248	\$66.77
Intel Pentium G4620 @ 3.70GHz	5,211	\$113.66*
AMD Athlon PRO 200GE	5,204	NA
Intel Pentium Gold G5400 @ 3.70GHz	5,203	\$74.99
Intel Pentium Gold G5500 @ 3.80GHz	5,195	\$94.99
Intel Core i3-7101TE @ 3.40GHz	5,189	\$117.00*
AMD PRO A12-8870E	5,186	NA
AMD Ryzen 3 PRO 2100GE	5,113	NA
AMD A12-9800E	5,083	\$129.99*
Intel Pentium G4600 @ 3.60GHz	5,075	\$239.95
Intel Core i3-7100T @ 3.40GHz	5,056	\$143.56*
AMD Phenom II X6 1405T	5,042	NA
AMD PRO A10-8770E	5,035	NA
AMD PRO A8-8670E	5,015	NA
AMD A8-9600	4,980	\$64.99
AMD Athlon 200GE	4,920	\$63.59
Intel Core i3-4370T @ 3.30GHz	4,870	\$138.00*
Intel Pentium G4560 @ 3.50GHz	4,864	\$91.05
AMD PRO A12-9800E	4,769	\$169.00*
AMD A10-9700E	4,747	\$90.99
AMD Athlon X4 830	4,701	NA
Intel Pentium Gold G5500T @ 3.20GHz	4,346	\$75.00*
Intel Pentium G4600T @ 3.00GHz	4,266	\$177.28*
Intel Pentium G4560T @ 2.90GHz	3,990	\$109.99*
Intel Core i7-7Y75 @ 1.30GHz	3,733	NA
Intel Celeron G4900 @ 3.10GHz	3,285	\$44.69
Intel Celeron G4920 @ 3.20GHz	3,192	\$76.50*
AMD A6-7480	3,116	\$43.99*
Intel Celeron G4900T @ 2.90GHz	3,096	NA
AMD A6-9500	3,057	\$47.86
Intel Celeron G3950 @ 3.00GHz	3,049	\$71.22*
AMD PRO A6-8570	3,049	NA
Intel Celeron G3930 @ 2.90GHz	3,036	\$51.17*
Intel Celeron G3930TE @ 2.70GHz	2,970	\$42.00*
AMD PRO A6-9500	2,950	\$74.00*

Intel Pentium Silver J5005 @ 1.50GHz	2,909	\$219.92*
AMD Phenom X4 Quad-Core GP-9730	2,897	NA
AMD A6-9500E	2,889	\$72.78*
AMD PRO A6-8570E	2,824	NA
Intel Celeron G3930T @ 2.70GHz	2,766	\$65.93*
AMD PRO A6-9500E	2,717	\$74.00*
Intel Celeron J4105 @ 1.50GHz	2,637	\$107.00*
AMD A9-9430	2,524	NA
Intel Pentium J4205 @ 1.50GHz	2,259	NA
Intel Celeron J3455 @ 1.50GHz	2,112	\$369.99
AMD Sempron 240	2,110	\$58.00
AMD A6-9230	2,102	NA
AMD Phenom X4 Quad-Core GP-9530	1,994	NA
Intel Celeron J4005 @ 2.00GHz	1,541	\$140.51*
AMD E2-9030	1,515	NA
Intel Celeron J3355 @ 2.00GHz	1,168	NA
Intel Pentium 4 3.83GHz	195	NA
PassMark Software © 2008-2019		

* - Last seen price from our affiliates.



Frankfurt
od
390 PLN*

[Home] - [Common CPUs] - [Overclocked CPUs] - [Searchable CPU List] - [Graph Notes]
 [High-End CPUs] - [High Mid-Range CPUs] - [Low Mid-Range CPUs] - [Low-End CPUs]
 [CPU Popularity 90 days] - [Multi CPU Systems] - [Laptop CPUs] - [Desktop CPUs]
 [CPU Mega Page - Detailed CPU List] - [Single Thread CPU Performance]
 [CPU Mark by Socket Type] - [Manufacturer Market Share]

Copyright © 2019 PassMark® Software
 International | [Legal disclaimer](#) | [Policies](#) | [Contact Us](#)