

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

New Laptop CPU Performance

This chart comparing performance of CPUs designed for laptop and portable machines is made using thousands of [PerformanceTest](#) benchmark results and is updated daily.

Notes:

- While we try to keep this chart mainly desktop CPU free, there might be some desktop processors in the list. This is because the classification of a laptop CPU is determined at result submission time by the user of PerformanceTest. Some users incorrectly clicked the "Laptop" check box.
- The chart shows only CPUs that had their benchmark first submitted within the last 36 months. Older laptop CPUs may not appear.



Polska: Tylko 1000 zł i masz drugi...

Sponsored by ROI investing

[See more](#)

Home **CPU S**

CPU Mark	Price Performance	Sorted by Date
----------	-------------------	----------------

- High End
- High Mid Range
- Low Mid Range
- Low End

- Best Value (On Market)
- Best Value XY Scatter
- Best Value (All time)

- New Desktop
- New Laptop

- Single Thread
- Systems with Multiple CPUs
- Overclocked
- Power Performance
- CPU Mark by Socket Type
- Cross-Platform CPU Performance

- CPU Mega List
- Search Model

PassMark - CPU Mark

Laptop & Portable CPU Performance
Updated 23rd of August 2021

CPU	CPU Mark	Price (USD)
Intel Xeon W-11955M @ 2.60GHz	24,410	\$623.00*
Intel Core i9-11980HK @ 2.60GHz	23,442	\$583.00*
AMD Ryzen 9 5900HX	23,269	NA
Intel Core i9-11950H @ 2.60GHz	23,253	\$556.00*
Intel Core i9-11900H @ 2.50GHz	23,198	\$546.00*
AMD Ryzen 9 5900HS	22,716	NA
AMD Ryzen 9 5980HS	22,691	NA
Intel Core i7-11800H @ 2.30GHz	21,913	\$395.00*
AMD Ryzen 7 5800H	21,744	NA
Intel Core i7-11850H @ 2.50GHz	21,595	\$395.00*
AMD Ryzen 7 5800HS	21,166	NA
AMD Ryzen 7 5800U	19,734	NA
AMD Ryzen 9 4900HS	19,608	NA
AMD Ryzen 7 PRO 5850U	19,604	NA
AMD Ryzen 7 4800H	19,214	NA
AMD Ryzen 9 4900H	19,035	NA
AMD Ryzen 7 4800HS	18,960	NA
Intel Xeon W-11855M @ 3.20GHz	18,839	\$450.00*
AMD Ryzen 7 Extreme Edition	18,187	NA
AMD Ryzen 5 5600H	17,784	NA
Intel Core i5-11500H @ 2.90GHz	17,472	\$250.00*
AMD Ryzen 7 4800U	17,276	NA

Compare ⁰

Home CPU Benchmarks ▼

Most Benchmarked

AMD vs Intel Market Share

Year on Year

Performance

AD

AMD Ryzen 5 PRO 5650U	16,850	NA
Intel Core i7-10700TE @ 2.00GHz	16,332	\$330.00*
Intel Xeon W-10885M @ 2.40GHz	16,085	\$623.00*
AMD Ryzen 5 5600U	15,998	NA
Intel Core i9-10885H @ 2.40GHz	15,920	\$556.00*
Intel Xeon E-2286M @ 2.40GHz	15,739	\$1,373.18*
Intel Core i7-10875H @ 2.30GHz	15,661	\$450.00*
AMD Ryzen 7 PRO 4750U	15,536	NA
Intel Core i7-10870H @ 2.20GHz	15,437	\$417.00*
Intel Core i9-10880H @ 2.30GHz	15,390	NA
Intel Core i5-11400H @ 2.70GHz	15,257	\$250.00*
Apple M1 8 Core 3200 MHz	15,156	NA
Intel Core i9-9980HK @ 2.40GHz	14,959	\$583.00*
AMD Ryzen 5 PRO 4400GE	14,795	NA
AMD Ryzen 5 4600H	14,795	NA
AMD Ryzen 5 4600HS	14,652	NA
Intel Core i9-9880H @ 2.30GHz	14,043	\$556.00*
AMD Ryzen 7 4700U	13,741	NA
AMD Ryzen 5 4600U	13,732	NA
AMD Ryzen 5 5500U	13,449	NA
AMD Ryzen 5 PRO 4650U	12,987	NA
Intel Xeon W-10855M @ 2.80GHz	12,943	\$450.00*
Intel Core i7-8700B @ 3.20GHz	12,754	\$303.00*
Intel Core i7-10750H @ 2.60GHz	12,525	NA
Intel Core i7-11370H @ 3.30GHz	12,448	\$426.00*
Intel Core i7-11375H @ 3.30GHz	12,436	\$482.00*
Intel Core i7-10850H @ 2.70GHz	12,215	\$395.00*
Intel Core i5-10500H @ 2.50GHz	12,169	\$250.00*
AMD Ryzen 3 5400U	12,110	NA
Intel Xeon E-2276M @ 2.80GHz	12,103	\$450.00*
AMD Ryzen 5 PRO 4500U	12,049	NA
AMD Ryzen 3 PRO 5450U	12,047	NA
Intel Core i7-1185G7E @ 2.80GHz	11,645	\$431.00*
Intel Core i7-9850H @ 2.60GHz	11,639	\$1,305.76*
Intel Core i5-11260H @ 2.60GHz	11,623	\$250.00*
Intel Core i7-9750HF @ 2.60GHz	11,591	\$395.00*
Intel Core i5-11300H @ 3.10GHz	11,415	\$309.00*
Intel Core i7-9750H @ 2.60GHz	11,295	\$960.00*
AMD Ryzen 5 4500U	11,220	NA
AMD Ryzen 3 PRO 4200GE	11,006	NA
Intel Core i7-1160G7 @ 1.20GHz	10,981	\$426.00*
Intel Core i7-1185G7 @ 3.00GHz	10,922	\$426.00*
Intel Core i5-1145G7 @ 2.60GHz	10,896	NA
Intel Core i7-9700TE @ 1.80GHz	10,722	\$323.00*
Intel Core i7-1165G7 @ 2.80GHz	10,631	\$426.00*
Intel Core i5-1130G7 @ 1.10GHz	10,502	\$309.00*
Intel Core i7-1068NG7 @ 2.30GHz	10,411	\$426.00*

🏠 CPU Benchmarks ▼

AMD Ryzen 3 5300U	10,151	NA
Intel Core i7-10710U @ 1.10GHz	10,091	\$644.99*
AMD Ryzen 3 5300U	10,083	NA
Intel Core i5-1038NG7 @ 2.00GHz	9,777	\$320.00*
Intel Core i5-8500B @ 3.00GHz	9,576	\$192.00*
Intel Core i5-9400F @ 2.90GHz	9,548	\$199.99
Intel Core i3-1125G4 @ 2.00GHz	9,405	NA
Intel Core i5-9500TE @ 2.20GHz	9,212	\$192.00*
Intel Core i7-9850HL @ 1.90GHz	9,112	\$395.00*
Intel Core i7-10810U @ 1.10GHz	8,923	\$443.00*
Intel Core i5-10400H @ 2.60GHz	8,890	\$250.00*
Intel Core i7-1065G7 @ 1.30GHz	8,845	\$426.00*
Intel Core i5-10300H @ 2.50GHz	8,772	\$250.00*
Intel Core i7-8569U @ 2.80GHz	8,717	\$431.00*
Intel Core i5-10200H @ 2.40GHz	8,473	\$250.00*
Intel Core i7-8557U @ 1.70GHz	8,429	\$431.00*
Intel Core i5-1035G7 @ 1.20GHz	8,426	\$320.00*
AMD Ryzen 7 3750H	8,358	NA
Intel Core i5-1035G4 @ 1.10GHz	8,281	\$309.00*
Intel Core i5-9400H @ 2.50GHz	8,267	\$250.00*
AMD Ryzen 3 4300U	8,083	NA
AMD Ryzen 5 3550H	8,076	NA
Intel Core i5-8269U @ 2.60GHz	8,055	\$320.00*
Intel Core i5-8279U @ 2.40GHz	8,039	\$320.00*
AMD Ryzen 5 3500U	7,938	NA
Intel Core i7-8709G @ 3.10GHz	7,921	NA
Intel Core i5-1035G1 @ 1.00GHz	7,877	\$297.00*
Intel Core i5-8260U @ 1.60GHz	7,869	\$439.99*
Intel Core i5-9300H @ 2.40GHz	7,851	\$250.00*
AMD Ryzen 5 3580U	7,797	NA
Intel Core i5-8257U @ 1.40GHz	7,657	\$320.00*
AMD Ryzen 7 2800H	7,656	NA
Intel Core i5-9300HF @ 2.40GHz	7,633	\$250.00*
AMD Ryzen 5 2600H	7,537	NA
Intel Core i3-10100T @ 3.00GHz	7,469	\$122.00*
Intel Core i7-7820EQ @ 3.00GHz	7,453	\$378.00*
AMD Ryzen 7 3780U	7,386	NA
AMD Ryzen 7 3700U	7,358	NA
Intel Core i7-1060NG7 @ 1.20GHz	7,316	NA
AMD Ryzen 7 PRO 3700U	7,309	NA
Intel Core i7-10610U @ 1.80GHz	7,158	\$409.00*
AMD Ryzen 3 PRO 3200GE	7,071	NA
Intel Core i7-5850EQ @ 2.70GHz	7,036	\$435.00*
AMD Ryzen 5 3450U	7,010	NA
Intel Core i5-10310U @ 1.70GHz	6,977	\$297.00*
AMD Ryzen 5 PRO 3500U	6,938	NA
Intel Core i7-10510U @ 1.80GHz	6,914	\$409.00*
AMD Ryzen Embedded V1605B	6,849	NA
Intel Core i5-10210U @ 1.60GHz	6,759	\$702.62*


🏠 CPU Benchmarks ▼

Intel Core i7-8665UE @ 1.70GHz	6,587	\$409.00*
Intel Core i7-8665U @ 1.90GHz	6,548	\$704.49*
Intel Core i7-8665U @ 1.90GHz	6,548	\$704.49*
AMD Ryzen 3 3350U	6,351	NA
Intel Core i3-8100B @ 3.60GHz	6,226	\$133.00*
Intel Core i7-8565UC @ 1.80GHz	6,187	NA
Intel Core i5-8265U @ 1.60GHz	6,127	\$499.88*
Intel Core i5-1030NG7 @ 1.10GHz	6,055	NA
Intel Core i5-8265UC @ 1.60GHz	5,988	NA
AMD Ryzen 3 PRO 3300U	5,963	NA
AMD Ryzen 3 3300U	5,875	NA
Intel Core i5-7440EQ @ 2.90GHz	5,711	\$250.00*
Intel Pentium Gold 7505 @ 2.00GHz	5,420	NA
Intel Core i5-8365UE @ 1.60GHz	5,408	\$297.00*
Intel Core i7-10510Y @ 1.20GHz	5,289	\$403.00*
Intel Core i3-1005G1 @ 1.20GHz	5,270	\$281.00*
Intel Core i5-10210Y @ 1.00GHz	4,836	NA
Intel Core i5-7442EQ @ 2.10GHz	4,834	\$250.00*
Intel Pentium 6805 @ 1.10GHz	4,600	\$161.00*
AMD Athlon Silver 3050GE	4,545	NA
AMD Athlon 220GE	4,538	\$210.24*
Intel Core i5-6442EQ @ 1.90GHz	4,519	\$250.00*
Intel Core i3-9100TE @ 2.20GHz	4,501	\$122.00*
AMD Athlon Gold 3150U	4,385	NA
Intel Core i3-8121U @ 2.20GHz	4,369	\$290.00*
Intel Core i3-8109U @ 3.00GHz	4,326	\$499.99*
Intel Core i3-8145UE @ 2.20GHz	4,133	\$281.00*
AMD Ryzen 3 3250U	4,115	NA
Intel Core i3-10110U @ 2.10GHz	4,062	\$434.17*
Intel Core i3-1000NG4 @ 1.10GHz	4,046	NA
AMD Athlon 300U	4,006	NA
AMD Ryzen Embedded R1505G	3,966	NA
AMD Ryzen 3 3200U	3,962	NA
Microsoft ARM SQ1 @ 3.0 GHz	3,953	NA
AMD Ryzen Embedded V1202B	3,823	NA
Intel Core i3-8145U @ 2.10GHz	3,817	\$281.00*
AMD A8-7680	3,568	\$50.08*
Intel Core i3-7167U @ 2.80GHz	3,489	NA
Intel Core i3-10110Y @ 1.00GHz	3,444	\$287.00*
Intel Core i5-L16G7 @ 1.40GHz	3,390	\$281.00*
AMD Ryzen Embedded R1305G	3,329	NA
AMD Athlon Silver 3050U	3,186	NA
Intel Core m3-8100Y @ 1.10GHz	3,005	\$281.00*
AMD Athlon Silver 3050e	2,897	NA
Intel Core i7-8500Y @ 1.50GHz	2,888	\$393.00*
Intel Core i5-8210Y @ 1.60GHz	2,871	NA
AMD A6-9400	2,717	NA
AMD 3015e	2,678	NA
Intel Pentium Silver N5030 @ 1.10GHz	2,642	NA

1.10GHz		
AMD 3020e	2,610	NA
Intel Celeron N4120 @ 1.10GHz	2,510	NA
Intel Pentium 6405U @ 2.40GHz	2,359	\$161.00*
Intel Core i3-6102E @ 1.90GHz	2,349	\$225.00*
Intel Core i5-8200Y @ 1.30GHz	2,308	\$291.00*
Intel Pentium 5405U @ 2.30GHz	2,293	\$161.00*
Intel Celeron 6305 @ 1.80GHz	2,259	NA
Intel Pentium 4417U @ 2.30GHz	2,247	\$161.00*
Intel Celeron 4305UE @ 2.00GHz	1,950	NA
AMD GX-420MC SOC	1,796	NA
Intel Pentium 4425Y @ 1.70GHz	1,688	\$161.00*
Intel Celeron N4000C @ 1.10GHz	1,611	NA
Intel Celeron N4020 @ 1.10GHz	1,607	NA
Intel Celeron 3867U @ 1.80GHz	1,467	\$107.00*
Intel Celeron 5205U @ 1.90GHz	1,417	\$107.00*
AMD A6-9225	1,335	NA
Intel Celeron 4205U @ 1.80GHz	1,330	\$107.00*
Intel Celeron 1020M @ 2.10GHz	1,275	NA
Intel Pentium A1020 @ 2.41GHz	1,265	NA
AMD R-272F APU	1,215	NA
AMD A4-9125	1,209	NA
AMD A6-9220C	1,163	NA
AMD PRO A4-4350B	1,093	NA
Intel Celeron 2002E @ 1.50GHz	1,091	\$86.00*
AMD A4-9120e	916	NA
AMD A4-9120C	811	NA
AMD G-T40R	120	NA

[Home](#) CPU Benchmarks ▼

//

Software	Hardware	Benchmarks	About Us	Services	International
BurnInTest	USB3.0 Loopback Plugs	CPU Benchmarks	Company	Store	Disclaimer
PerformanceTest	USB2.0 Loopback Plugs	Video Card Benchmarks	Contact Us	Support	Refunds
OSForensics	PCIe Test Cards	Hard Drive Benchmarks	The Press Room	Forums	Privacy
MemTest86	USB Power Delivery Tester	RAM Benchmarks			Social
WirelessMon	Serial and Parallel Loopback Plugs	PC Systems Benchmarks			
Zoom Search Engine	USB Short Circuit Testers	Android Benchmarks			
Free Software		iOS / iPhone Benchmarks			