

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: T., dochód

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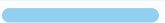




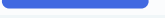





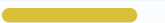



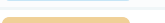
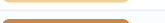
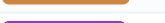




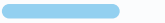





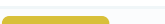







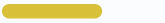






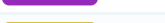
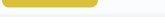

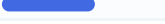






- CPUS**
- High End
- High Mid Range
- Low Mid Range
- Low End
- Best Value (On Market)
- Best Value XY Scatter
- Best Value (All time)
- New Desktop
- New Laptop
- Single Thread
- Systems with Multiple CPUs
- Overclocked
- Power Performance
- CPU Mark by Socket Type
- Cross-Platform CPU Performance
- CPU Mega List
- Search Model
- Compare
- Common
- Most Benchmarked
- AMD vs Intel Market Share
- Year on Year Performance


































































CPU Mark Price Performance Sorted by Date

PassMark - CPU Mark

Laptop & Portable CPU Performance
Updated 14th of July 2021

CPU	CPU Mark	Price (USD)
Intel Xeon W-11955M @ 2.60GHz	25,119	\$623.00*
Intel Core i9-11950H @ 2.60GHz	24,248	\$556.00*
Intel Core i9-11980HK @ 2.60GHz	23,702	\$583.00*
AMD Ryzen 9 5900HX	23,249	NA
Intel Core i9-11900H @ 2.50GHz	23,154	\$546.00*
AMD Ryzen 9 5900HS	22,875	NA
AMD Ryzen 9 5980HS	22,691	NA
AMD Ryzen 7 5800H	21,965	NA
Intel Core i7-11800H @ 2.30GHz	21,539	\$395.00*
Intel Core i7-11850H @ 2.50GHz	21,158	\$395.00*
AMD Ryzen 7 5800HS	20,930	NA
AMD Ryzen 7 PRO 5850U	19,891	NA
AMD Ryzen 9 4900HS	19,634	NA
AMD Ryzen 7 5800U	19,587	NA
Intel Xeon W-11855M @ 3.20GHz	19,321	\$450.00*
AMD Ryzen 7 4800H	19,216	NA
AMD Ryzen 9 4900H	18,985	NA
AMD Ryzen 7 4800HS	18,963	NA
AMD Ryzen 7 Extreme Edition	18,187	NA
AMD Ryzen 5 5600H	18,108	NA
Intel Core i5-11500H @ 2.90GHz	17,655	\$250.00*
AMD Ryzen 7 4800U	17,268	NA
AMD Ryzen 5 PRO 5650U	17,078	NA
Intel Xeon W-10885M @ 2.40GHz	16,895	\$623.00*
Intel Core i9-10980HK @ 2.40GHz	16,596	\$583.00*
Intel Core i7-10700TE @ 2.00GHz	16,332	\$330.00*
AMD Ryzen 7 5700U	16,240	NA
Intel Core i9-10885H @ 2.40GHz	16,094	\$556.00*
AMD Ryzen 5 5600U	15,944	NA
Intel Core i7-10875H @ 2.30GHz	15,738	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	15,733	\$1,373.18*
AMD Ryzen 7 PRO 4750U	15,550	NA
Intel Core i7-10870H @ 2.20GHz	15,400	\$417.00*
Intel Core i9-10880H @ 2.30GHz	15,390	NA
Apple M1 8 Core 3200 MHz	15,120	NA
Intel Core i9-9980HK @ 2.40GHz	14,937	\$583.00*
AMD Ryzen 5 PRO 4400GE	14,795	NA
AMD Ryzen 5 4600H	14,782	NA
AMD Ryzen 5 4600HS	14,652	NA
Intel Core i9-9880H @ 2.30GHz	13,982	\$556.00*
AMD Ryzen 7 4700U	13,768	NA
AMD Ryzen 5 4600U	13,735	NA

AMD Ryzen 5 5500U		13,579	NA
Intel Xeon W-10855M @ 2.80GHz		13,184	\$450.00*
Intel Core i7-11375H @ 3.30GHz		13,007	\$482.00*
AMD Ryzen 5 PRO 4650U		12,978	NA
Intel Core i7-8700B @ 3.20GHz		12,698	\$303.00*
Intel Core i7-11370H @ 3.30GHz		12,624	\$426.00*
Intel Core i7-10750H @ 2.60GHz		12,550	NA
Intel Core i7-10850H @ 2.70GHz		12,414	\$395.00*
Intel Core i5-10500H @ 2.50GHz		12,317	\$250.00*
Intel Xeon E-2276M @ 2.80GHz		12,278	\$450.00*
AMD Ryzen 3 5400U		12,118	NA
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		11,625	\$1,305.76*
Intel Core i7-9750HF @ 2.60GHz		11,608	\$395.00*
Intel Core i7-9750H @ 2.60GHz		11,309	\$960.00*
AMD Ryzen 5 4500U		11,233	NA
Intel Core i5-11300H @ 3.10GHz		11,209	\$309.00*
AMD Ryzen 3 PRO 4200GE		11,006	NA
Intel Core i7-1185G7 @ 3.00GHz		10,983	\$426.00*
Intel Core i7-1160G7 @ 1.20GHz		10,981	\$426.00*
Intel Core i5-1145G7 @ 2.60GHz		10,903	NA
Intel Core i7-9700TE @ 1.80GHz		10,722	\$323.00*
Intel Core i7-1165G7 @ 2.80GHz		10,617	\$426.00*
Intel Core i5-1130G7 @ 1.10GHz		10,483	\$309.00*
Intel Core i7-1068NG7 @ 2.30GHz		10,350	\$426.00*
AMD Ryzen 3 5300U		10,092	NA
Intel Core i7-10710U @ 1.10GHz		10,085	\$644.99*
AMD Ryzen 3 PRO 4450U		10,071	NA
Intel Core i5-1135G7 @ 2.40GHz		10,022	\$309.00*
Intel Core i5-1038NG7 @ 2.00GHz		9,700	\$320.00*
Intel Core i5-9400F @ 2.90GHz		9,551	\$179.90
Intel Core i5-8500B @ 3.00GHz		9,543	\$192.00*
Intel Core i5-9500TE @ 2.20GHz		9,212	\$192.00*
Intel Core i3-1125G4 @ 2.00GHz		9,172	NA
Intel Core i7-10810U @ 1.10GHz		9,121	\$443.00*
Intel Core i7-9850HL @ 1.90GHz		9,112	\$395.00*
Intel Core i5-10400H @ 2.60GHz		9,010	\$250.00*
Intel Core i7-1065G7 @ 1.30GHz		8,859	\$426.00*
Intel Core i7-8559U @ 2.70GHz		8,846	\$617.00*
Intel Core i5-10300H @ 2.50GHz		8,775	\$250.00*
Intel Core i7-8569U @ 2.80GHz		8,668	\$431.00*
Intel Core i5-10200H @ 2.40GHz		8,458	\$250.00*
Intel Core i7-8557U @ 1.70GHz		8,429	\$431.00*
Intel Core i5-1035G7 @ 1.20GHz		8,391	\$320.00*
AMD Ryzen 7 3750H		8,370	NA
AMD Ryzen Embedded V1807B		8,359	NA
Intel Core i5-1035G4 @ 1.10GHz		8,274	\$309.00*
Intel Core i5-9400H @ 2.50GHz		8,267	\$250.00*
Intel Core i5-8259U @ 2.30GHz		8,180	\$519.99*
AMD Ryzen 3 4300U		8,095	NA
Intel Core i5-8279U @ 2.40GHz		8,089	\$320.00*
AMD Ryzen 5 3550H		8,085	NA
Intel Core i5-8269U @ 2.60GHz		8,055	\$320.00*
AMD Ryzen 5 3500U		7,949	NA
Intel Core i7-8709G @ 3.10GHz		7,921	NA
Intel Core i5-1035G1 @ 1.00GHz		7,902	\$297.00*
Intel Core i5-8260U @ 1.60GHz		7,869	\$439.99*
Intel Core i5-9300H @ 2.40GHz		7,869	\$250.00*
AMD Ryzen 5 3580U		7,833	NA
Intel Core i5-8257U @ 1.40GHz		7,793	\$320.00*
AMD Ryzen 7 2800H		7,656	NA
Intel Core i5-9300HF @ 2.40GHz		7,654	\$250.00*
AMD Ryzen 5 2600H		7,537	NA
Intel Core i3-10100T @ 3.00GHz		7,488	\$122.00*
Intel Core i7-7820EQ @ 3.00GHz		7,453	\$378.00*
Intel Core i7-1060NG7 @ 1.20GHz		7,425	NA
AMD Ryzen 7 3780U		7,386	NA
AMD Ryzen 7 3700U		7,358	NA
AMD Ryzen 7 PRO 3700U		7,353	NA
Intel Core i7-10610U @ 1.80GHz		7,138	\$409.00*

Intel Core i5-8305G @ 2.80GHz		7,073	NA
AMD Ryzen 3 PRO 3200GE		7,071	NA
Intel Core i7-5850EQ @ 2.70GHz		7,036	\$435.00*
AMD Ryzen 5 3450U		7,002	NA
AMD Ryzen 5 PRO 3500U		6,967	NA
Intel Core i5-10310U @ 1.70GHz		6,955	\$297.00*
Intel Core i7-10510U @ 1.80GHz		6,938	\$409.00*
AMD Ryzen Embedded V1605B		6,845	NA
Intel Core i7-8665UE @ 1.70GHz		6,587	\$409.00*
Intel Core i3-1115G4 @ 3.00GHz		6,544	\$281.00*
Intel Core i7-8665U @ 1.90GHz		6,530	\$704.49*
Intel Core i5-10210U @ 1.60GHz		6,488	\$702.62*
Intel Core i5-8365U @ 1.60GHz		6,419	\$539.07*
Intel Core i7-8565U @ 1.80GHz		6,377	\$615.00*
AMD Ryzen 3 3350U		6,266	NA
Intel Core i3-8100B @ 3.60GHz		6,200	\$133.00*
Intel Core i7-8565UC @ 1.80GHz		6,187	NA
Intel Core i5-8265U @ 1.60GHz		6,124	\$499.88*
Intel Core i5-1030NG7 @ 1.10GHz		6,058	NA
Intel Core i5-8265UC @ 1.60GHz		5,988	NA
AMD Ryzen 3 PRO 3300U		5,963	NA
AMD Ryzen 3 3300U		5,870	NA
Intel Core i5-7440EQ @ 2.90GHz		5,711	\$250.00*
AMD Ryzen 3 2300U		5,473	NA
Intel Pentium Gold 7505 @ 2.00GHz		5,451	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		5,210	\$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		4,392	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		4,131	NA
Intel Core i3-1000NG4 @ 1.10GHz		4,086	NA
Intel Core i3-10110U @ 2.10GHz		4,051	\$434.17*
AMD Athlon 300U		4,022	NA
AMD Ryzen Embedded R1505G		3,969	NA
AMD Ryzen 3 3200U		3,963	NA
Microsoft ARM SQ1 @ 3.0 GHz		3,951	NA
Intel Core i7-6660U @ 2.40GHz		3,879	\$415.00*
AMD Ryzen Embedded V1202B		3,823	NA
Intel Core i3-8145U @ 2.10GHz		3,822	\$281.00*
AMD A8-7680		3,554	\$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		3,197	NA
Intel Core m3-8100Y @ 1.10GHz		3,028	\$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		2,830	NA
AMD A6-9400		2,717	NA
AMD 3015e		2,678	NA
Intel Pentium Silver N5030 @ 1.10GHz		2,662	NA
AMD 3020e		2,625	NA
Intel Core i3-7102E @ 2.10GHz		2,521	\$225.00*
Intel Celeron N4120 @ 1.10GHz		2,486	NA
Intel Celeron N5100 @ 1.10GHz		2,448	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		2,307	\$161.00*
Intel Pentium 4417U @ 2.30GHz		2,250	\$161.00*
Intel Celeron 6305 @ 1.80GHz		2,246	NA

Intel Celeron 4305UE @ 2.00GHz	1,950	NA
Intel Celeron G3900TE @ 2.30GHz	1,850	\$42.00*
AMD GX-420MC SOC	1,796	NA
Intel Pentium 4425Y @ 1.70GHz	1,688	\$161.00*
Intel Celeron N4020 @ 1.10GHz	1,629	NA
Intel Pentium 4415Y @ 1.60GHz	1,616	\$161.00*
Intel Celeron N4000C @ 1.10GHz	1,602	NA
Intel Celeron 3867U @ 1.80GHz	1,467	\$107.00*
Intel Celeron 5205U @ 1.90GHz	1,439	\$107.00*
AMD A6-9225	1,337	NA
Intel Celeron 4205U @ 1.80GHz	1,332	\$107.00*
Intel Atom T5700 @ 1.70GHz	1,326	NA
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	1,211	NA
AMD A6-9220C	1,208	NA
AMD PRO A4-4350B	1,093	NA
Intel Celeron 2002E @ 1.50GHz	1,091	\$86.00*
AMD A4-9120e	907	NA
AMD A4-9120C	782	NA
AMD G-T40R	120	NA

Software

- > BurnInTest
- > PerformanceTest
- > OSForensics
- > MemTest86
- > WirelessMon
- > Zoom Search Engine
- > Free Software

Hardware

- > USB3.0 Loopback Plugs
- > USB2.0 Loopback Plugs
- > PCIe Test Cards
- > USB Power Delivery Tester
- > Serial and Parallel Loopback Plugs
- > USB Short Circuit Testers

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