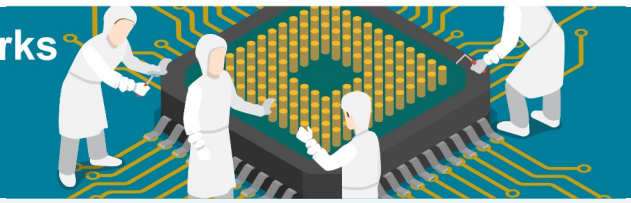
CPU Benchmarks

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.

Raty 0%. Pół Roku Nie Płacisz
Media Expert
Nawet 36 rat 0% Na Wybrane, Oznaczone Produkty. Sprawdź Już Teraz.
OTWÓRZ

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 0
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 13th of October 2020

CPU	CPU Mark	Price (USD)
AMD Ryzen 9 4900HS	19,838	NA
AMD Ryzen 9 4900H	19,615	NA
AMD Ryzen 7 4800H	19,323	NA
AMD Ryzen 7 4800HS	18,989	NA
AMD Ryzen 7 Extreme Edition	18,284	NA
AMD Ryzen 7 4800U	17,267	NA
Intel Core i9-10980HK @ 2.40GHz	17,255	$583.00*
Intel Xeon W-10885M @ 2.40GHz	17,240	$623.00*
Intel Core i9-10885H @ 2.40GHz	16,116	$556.00*
Intel Core i7-10875H @ 2.30GHz	15,992	$450.00*
AMD Ryzen 7 PRO 4750U	15,696	NA
Intel Xeon E-2286M @ 2.40GHz	15,573	$623.00*
Intel Core i9-9980HK @ 2.40GHz	15,316	$583.00*
Intel Core i9-10880H @ 2.30GHz	15,137	NA
AMD Ryzen 5 4600HS	15,019	NA
AMD Ryzen 5 4600H	14,989	NA
AMD Ryzen 5 4600U	14,429	NA
Intel Core i9-9880H @ 2.30GHz	14,116	$556.00*
AMD Ryzen 7 4700U	13,848	NA
Intel Xeon W-10855M @ 2.80GHz	13,842	$450.00*
Intel Core i7-10850H @ 2.70GHz	13,120	$395.00*
AMD Ryzen 5 PRO 4650U	12,948	NA
Intel Core i7-10750H @ 2.60GHz	12,694	NA
Intel Core i7-1165G7 @ 2.80GHz	12,402	$426.00*
Intel Xeon E-2276M @ 2.80GHz	12,310	$450.00*
Intel Core i7-8700B @ 3.20GHz	12,286	$303.00*
AMD Ryzen 5 PRO 4500U	12,049	NA
Intel Xeon E-2186M @ 2.90GHz	11,835	$623.00*
Intel Core i7-9750HF @ 2.60GHz	11,826	$395.00*
Intel Core i7-9850H @ 2.60GHz	11,656	$395.00*
Intel Core i7-9750H @ 2.60GHz	11,376	$395.00*
AMD Ryzen 5 4500U	11,267	NA
Intel Core i9-8950HK @ 2.90GHz	10,763	$583.00*

botland

119,90 zł

275 zł

602 700 zł

CPU Benchmarks

Intel Core i7-1068NG7 @ 2.30GHz	10,689	$426.00*
Intel Core i7-9700TE @ 1.80GHz	10,680	$323.00*
Intel Core i7-8850H @ 2.60GHz	10,497	$395.00*
Intel Core i7-1185G7 @ 3.00GHz	10,354	$426.00*
Intel Core i7-8750H @ 2.20GHz	10,202	$395.00*
AMD Ryzen 3 PRO 4450U	10,078	NA
Intel Core i7-10710U @ 1.10GHz	10,028	$598.95
Intel Core i5-1038NG7 @ 2.00GHz	9,907	$320.00*
Intel Core i5-9400F @ 2.90GHz	9,601	$139.99
Intel Core i5-8500B @ 3.00GHz	9,538	$192.00*
Intel Core i7-8569U @ 2.80GHz	9,251	$431.00*
Intel Core i5-9500TE @ 2.20GHz	9,212	$192.00*
Intel Core i7-10810U @ 1.10GHz	9,186	$443.00*
Intel Core i7-9850HL @ 1.90GHz	9,112	$395.00*
Intel Core i7-1065G7 @ 1.30GHz	8,994	$426.00*
Intel Core i5-10400H @ 2.60GHz	8,936	$250.00*
Intel Core i5-10300H @ 2.50GHz	8,926	$250.00*
Intel Core i7-8559U @ 2.70GHz	8,892	$644.66
Intel Core i7-8809G @ 3.10GHz	8,779	NA
Intel Core i5-1035G7 @ 1.20GHz	8,495	$320.00*
AMD Ryzen 7 3750H	8,439	NA
Intel Core i5-1135G7 @ 2.40GHz	8,357	$309.00*
Intel Core i5-8259U @ 2.30GHz	8,273	$604.00
Intel Core i5-1035G4 @ 1.10GHz	8,241	$309.00*
Intel Core i5-8257U @ 1.40GHz	8,227	$320.00*
Intel Core i5-9400H @ 2.50GHz	8,195	$250.00*
AMD Ryzen 5 3550H	8,157	NA
Intel Core i5-8400H @ 2.50GHz	8,146	$250.00*
Intel Core i7-8706G @ 3.10GHz	8,136	NA
AMD Ryzen Embedded V1807B	8,095	NA
AMD Ryzen 5 3580U	8,065	NA
Intel Core i7-8705G @ 3.10GHz	7,996	$1,535.11*
Intel Core i5-1035G1 @ 1.00GHz	7,991	$297.00*
Intel Core i5-9300H @ 2.40GHz	7,986	$250.00*
Intel Core i7-8709G @ 3.10GHz	7,921	NA
Intel Core i5-8279U @ 2.40GHz	7,917	$320.00*
Intel Core i7-8557U @ 1.70GHz	7,820	$431.00*
Intel Core i5-9300HF @ 2.40GHz	7,799	$250.00*
Intel Core i5-8260U @ 1.60GHz	7,776	$297.00*
AMD Ryzen 3 4300U	7,752	NA
AMD Ryzen 7 2800H	7,656	NA
Intel Core i3-10100T @ 3.00GHz	7,589	$122.00*
AMD Ryzen 5 2600H	7,537	NA
Intel Core i5-8300H @ 2.30GHz	7,512	$250.00*
Intel Core i7-10610U @ 1.80GHz	7,379	$409.00*
AMD Ryzen 7 PRO 3700U	7,352	NA
AMD Ryzen 7 3700U	7,341	NA
AMD Ryzen 7 PRO 2700U	7,242	NA
AMD Ryzen 7 3780U	7,203	NA
AMD Ryzen 5 3500U	7,152	NA
AMD Ryzen 3 PRO 3200GE	7,113	NA
Intel Core i5-8305G @ 2.80GHz	7,073	NA
Intel Core i7-10510U @ 1.80GHz	7,070	$409.00*
Intel Core i7-7820EQ @ 3.00GHz	7,059	$378.00*
Intel Core i7-5850EQ @ 2.70GHz	7,036	$435.00*
AMD Ryzen 5 PRO 3500U	6,985	NA
Intel Core i3-8100B @ 3.60GHz	6,829	$133.00*
AMD Ryzen Embedded V1605B	6,812	NA
Intel Core i5-10310U @ 1.70GHz	6,798	$297.00*
AMD Ryzen 5 2500U	6,633	NA

Intel Core i7-8665U @ 1.90GHz	6,626	$679.30
AMD Ryzen 7 2700U	6,602	NA

CPU Benchmarks

Intel Core i7-8665UE @ 1.70GHz	6,587	$409.00*
AMD Ryzen 5 PRO 2500U	6,502	NA
Intel Core i5-10210U @ 1.60GHz	6,494	$514.95
Intel Core i7-8565U @ 1.80GHz	6,477	NA
Intel Core i5-8350U @ 1.70GHz	6,448	$297.00*
Intel Core i5-8365U @ 1.60GHz	6,373	$634.95
Intel Core i5-8265U @ 1.60GHz	6,251	$749.00
Intel Core i7-1060NG7 @ 1.20GHz	6,234	NA
Intel Core i7-8565UC @ 1.80GHz	6,187	NA
AMD Ryzen 3 PRO 3300U	6,007	NA
Intel Core i5-8265UC @ 1.60GHz	5,988	NA
AMD Ryzen 3 3300U	5,886	NA
AMD Ryzen 3 PRO 2300U	5,868	NA
Intel Core i7-10510Y @ 1.20GHz	5,523	$403.00*
AMD Ryzen 3 2300U	5,345	NA
Intel Core i5-1030NG7 @ 1.10GHz	5,331	NA
Intel Core i3-1005G1 @ 1.20GHz	5,248	$281.00*
Intel Core i5-8365UE @ 1.60GHz	5,243	$297.00*
Intel Core i5-10210Y @ 1.00GHz	4,918	NA
Intel Core i5-7442EQ @ 2.10GHz	4,834	$250.00*
Intel Core i5-6442EQ @ 1.90GHz	4,519	$250.00*
AMD Athlon 220GE	4,505	$100.30
Intel Core i3-8109U @ 3.00GHz	4,382	$479.99
Intel Core i3-8121U @ 2.20GHz	4,340	$290.00
AMD Ryzen 3 3250U	4,338	NA
Intel Core i3-1000NG4 @ 1.10GHz	4,326	NA
AMD Athlon Gold 3150U	4,195	NA
Intel Core i5-7287U @ 3.30GHz	4,149	NA
Intel Core i3-8145UE @ 2.20GHz	4,140	$281.00*
AMD Athlon 300U	4,120	NA
Intel Core i3-10110U @ 2.10GHz	4,079	$414.95
AMD Ryzen 3 3200U	4,074	NA
AMD Ryzen Embedded R1505G	3,904	NA
Intel Core i3-8145U @ 2.10GHz	3,763	$281.00*
AMD Ryzen Embedded V1202B	3,734	NA
Intel Core i3-8130U @ 2.20GHz	3,665	$281.00*
Intel Core i5-6287U @ 3.10GHz	3,655	$304.00*
Intel Core i3-10110Y @ 1.00GHz	3,639	$287.00*
AMD Ryzen 3 2200U	3,638	NA
AMD A8-7680	3,558	$50.08*
Intel Core i3-7167U @ 2.80GHz	3,489	NA
Intel Core i3-7100H @ 3.00GHz	3,460	$225.00*
AMD Embedded R-Series RX-418GD Radeon R6	3,426	NA
AMD Athlon Silver 3050U	3,238	NA
Intel Core i7-8500Y @ 1.50GHz	3,191	$393.00*
Intel Core i5-L16G7 @ 1.40GHz	3,164	$281.00*
Intel Core m3-8100Y @ 1.10GHz	3,033	$281.00*
Intel Core i3-7130U @ 2.70GHz	3,010	$459.99*
Intel Core i5-8210Y @ 1.60GHz	2,905	NA
AMD A6-9400	2,717	NA
AMD 3015e	2,678	NA
AMD 3020e	2,669	NA
AMD PRO A10-9700B	2,626	NA
Intel Pentium Silver N5000 @ 1.10GHz	2,595	$161.00*
Intel Core i3-7020U @ 2.30GHz	2,565	$281.00*
Intel Pentium Silver N5030 @ 1.10GHz	2,564	NA
Intel Core i3-7102E @ 2.10GHz	2,521	$225.00*

Intel Celeron N4100 @ 1.10GHz	2,474	$107.00*
Intel Celeron N4120 @ 1.10GHz	2,449	NA

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Intel Core i3-6102E @ 1.90GHz	2,349	$225.00*
Intel Pentium 5405U @ 2.30GHz	2,318	$161.00*
Intel Core i5-8200Y @ 1.30GHz	2,308	$291.00*
Intel Pentium 4417U @ 2.30GHz	2,284	$161.00*
Intel Pentium G4400TE @ 2.40GHz	2,190	$64.00*
Intel Celeron G3900TE @ 2.30GHz	1,967	$42.00*
Intel Celeron 4305UE @ 2.00GHz	1,950	NA
Intel Atom E3940 @ 1.60GHz	1,940	NA
Intel Core i5-4422E @ 1.80GHz	1,907	$266.00*
Intel Core i5-4230U @ 1.90GHz	1,853	NA
AMD GX-420MC SOC	1,796	NA
AMD PRO A6-7350B	1,679	NA
Intel Pentium 4415Y @ 1.60GHz	1,649	$161.00*
Intel Celeron N4020 @ 1.10GHz	1,636	NA
Intel Celeron N4000C @ 1.10GHz	1,579	NA
Intel Celeron 3965U @ 2.20GHz	1,579	$107.00*
AMD A9-9425	1,564	NA
Intel Pentium 4425Y @ 1.70GHz	1,544	$161.00*
Intel Celeron 3867U @ 1.80GHz	1,467	$107.00*
Intel Celeron N4000 @ 1.10GHz	1,466	$107.00*
Intel Celeron 5205U @ 1.90GHz	1,451	$107.00*
Intel Pentium 4410Y @ 1.50GHz	1,387	$161.00*
AMD A6-9225	1,350	NA
Intel Atom T5700 @ 1.70GHz	1,326	NA
Intel Celeron 1020M @ 2.10GHz	1,275	NA
AMD A6-9220C	1,273	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	1,271	NA
AMD A4-9125	1,267	NA
Intel Pentium A1020 @ 2.41GHz	1,265	NA
Intel Celeron 4205U @ 1.80GHz	1,251	$107.00*
Intel Celeron 3965Y @ 1.50GHz	1,220	$107.00*
AMD R-272F APU	1,215	NA
AMD A9-9420e	1,169	NA
Intel Celeron 2002E @ 1.50GHz	1,091	$86.00*
Intel Atom C2538 @ 2.40GHz	1,086	$104.00*
AMD PRO A4-4350B	1,064	NA
AMD A6-9200	1,061	NA
AMD A6-9220e	1,017	NA
AMD A4-9120C	937	NA
AMD A4-9120e	831	NA
AMD G-T40R	120	NA
VIA Eden 1000MHz	80	NA

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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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