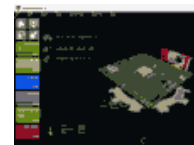


CPU Benchmarks

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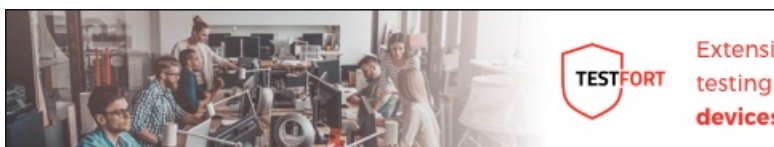
New Laptop CPU Performance

This chart comparing performance of CPUs designed for laptop and portable machines is made using thousands of **PerformanceTest** benchmark results and is updated daily.

How does your CPU compare?
Add your CPU to our benchmark chart
with **PerformanceTest V9!**

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.



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

PassMark - CPU Mark Laptop & Portable CPU Performance - Updated 28th of May 2018

		Price (USD)
Intel Core i7-8850H @ 2.60GHz	15,508	\$395.00*
Intel Xeon E-2186M @ 2.90GHz	15,135	\$623.00*
Intel Xeon E-2176M @ 2.70GHz	14,721	\$450.00*
Intel Core i9-8950HK @ 2.90GHz	14,597	\$583.00*
Intel Xeon E5-2648L v4 @ 1.80GHz	13,292	NA
Intel Core i7-8750H @ 2.20GHz	12,452	\$395.00*
Intel Xeon E5-4648 v3 @ 1.70GHz	11,097	NA
Intel Core i7-8809G @ 3.10GHz	10,974	NA
Intel Core i7-5950HQ @ 2.90GHz	10,949	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10,717	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10,463	NA
Intel Core i7-8705G @ 3.10GHz	10,414	NA
Intel Core i7-7920HQ @ 3.10GHz	10,230	NA
Intel Core i7-7820HK @ 2.90GHz	10,062	NA
Intel Core i7-6770HQ @ 2.60GHz	9,717	\$1,001.88*
Intel Core i7-6920HQ @ 2.90GHz	9,606	NA
Intel Core i7-5850HQ @ 2.70GHz	9,459	NA
Intel Core i7-7820HQ @ 2.90GHz	9,413	NA
Intel Core i5-8300H @ 2.30GHz	9,336	\$250.00*
AMD Ryzen 5 PRO 2500U	9,306	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9,287	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	9,175	\$377.00*

Intel Core i7-6820HK @ 2.70GHz	9,162	NA
Intel Core i7-8650U @ 1.90GHz	9,063	NA
Intel Core i7-6820EQ @ 2.80GHz	8,968	NA
AMD Ryzen 7 PRO 2700U	8,866	NA
Intel Core i7-7700HQ @ 2.80GHz	8,864	NA
Intel Core i7-6820HQ @ 2.70GHz	8,791	NA
Intel Core i7-5700HQ @ 2.70GHz	8,384	NA
Intel Core i5-8350U @ 1.70GHz	8,378	\$297.00*
Intel Core i7-8550U @ 1.80GHz	8,317	NA
Intel Core i7-5700EQ @ 2.60GHz	8,239	NA
Intel Core i7-6700HQ @ 2.60GHz	8,141	\$1,509.00*
Intel Core i7-4722HQ @ 2.40GHz	8,052	NA
Intel Core i5-7440HQ @ 2.80GHz	7,948	NA
Intel Xeon D-1528 @ 1.90GHz	7,946	NA
Intel Core i7-4860EQ @ 1.80GHz	7,925	NA
Intel Core i5-8250U @ 1.60GHz	7,864	NA
AMD Ryzen 5 2500U	7,732	NA
AMD Ryzen 7 2700U	7,610	NA
Intel Xeon E3-1505L v5 @ 2.00GHz	7,082	NA
Intel Core i5-7300HQ @ 2.50GHz	6,836	NA
Intel Core i5-6440HQ @ 2.60GHz	6,781	NA
Intel Core i7-7567U @ 3.50GHz	6,534	NA
Intel Core i7-6822EQ @ 2.00GHz	6,427	NA
Intel Core i7-7660U @ 2.50GHz	6,138	NA
Intel Core i5-6300HQ @ 2.30GHz	6,078	NA
Intel Core i5-7360U @ 2.30GHz	5,960	NA
Intel Core i7-7560U @ 2.40GHz	5,913	NA
Intel Core i5-6440EQ @ 2.70GHz	5,778	NA
Intel Core i5-7260U @ 2.20GHz	5,710	NA
AMD Ryzen 3 PRO 2300U	5,679	NA
Intel Core i7-6567U @ 3.30GHz	5,630	NA
Intel Core i7-7600U @ 2.80GHz	5,569	NA
Intel Core i3-8130U @ 2.20GHz	5,353	\$281.00*
Intel Core i7-7500U @ 2.70GHz	5,196	NA
Intel Core i5-7300U @ 2.60GHz	5,124	NA
AMD Embedded R-Series RX-418GD Radeon R6	5,068	NA
Intel Core i5-7267U @ 3.10GHz	5,068	NA
AMD Ryzen 3 2200U	5,031	NA
Intel Core i5-6267U @ 2.90GHz	4,958	NA
Intel Core i7-6650U @ 2.20GHz	4,943	NA
Intel Core i5-6360U @ 2.00GHz	4,836	NA
Intel Core i7-6600U @ 2.60GHz	4,807	NA
Intel Core i7-6560U @ 2.20GHz	4,802	NA
Intel Core i3-7100H @ 3.00GHz	4,776	\$225.00*
Intel Core i5-6287U @ 3.10GHz	4,751	\$304.00*
AMD FX-9830P	4,730	NA
Intel Core i5-5287U @ 2.90GHz	4,681	NA
Intel Core i5-7200U @ 2.50GHz	4,643	NA
AMD Embedded R-Series RX-421BD	4,635	NA
Intel Core i7-6498DU @ 2.50GHz	4,562	NA
AMD PRO A12-8830B	4,552	NA
AMD A10-9630P	4,492	NA
Intel Core i7-6500U @ 2.50GHz	4,433	NA
AMD PRO A10-9700B	4,393	NA
Intel Core i5-6260U @ 1.80GHz	4,366	\$518.99*
Intel Core i5-6300U @ 2.40GHz	4,362	NA
AMD A12-9730P	4,353	NA

AMD PRO A12-9800B	4,336	NA
Intel Core i7-4560U @ 1.60GHz	4,329	NA
Intel Core i3-4350T @ 3.10GHz	4,302	NA
Intel Core i7-5550U @ 2.00GHz	4,254	NA
Intel Core i3-6100H @ 2.70GHz	4,212	NA
AMD PRO A12-8800B	4,193	NA
Intel Core i5-6198DU @ 2.30GHz	4,171	NA
AMD FX-8800P	4,153	NA
Intel Core i3-7130U @ 2.70GHz	4,092	\$281.00*
AMD PRO A10-8730B	4,069	NA
AMD PRO A8-9600B	4,047	NA
AMD A12-9720P	4,014	NA
AMD FX-9800P	4,014	NA
Intel Core i5-6200U @ 2.30GHz	4,014	NA
Intel Core i5-4402E @ 1.60GHz	3,947	NA
AMD A10-9620P	3,847	NA
Intel Core i3-6157U @ 2.40GHz	3,833	NA
Intel Core i3-7100U @ 2.40GHz	3,831	\$321.10
AMD A10-9600P	3,809	NA
Intel Core i5-7Y57 @ 1.20GHz	3,777	NA
Intel Core i7-7Y75 @ 1.30GHz	3,772	NA
Intel Core i3-6100E @ 2.70GHz	3,769	NA
AMD A12-9700P	3,749	NA
Intel Core i3-5157U @ 2.50GHz	3,670	NA
Intel Core i3-7020U @ 2.30GHz	3,664	\$281.00*
Intel Core i5-7Y54 @ 1.20GHz	3,643	NA
AMD PRO A10-8700B	3,592	NA
AMD PRO A8-8600B	3,590	NA
Intel Core i3-6100U @ 2.30GHz	3,576	\$515.00*
Intel Core m3-7Y30 @ 1.00GHz	3,555	NA
Intel Core m3-7Y32 @ 1.10GHz	3,527	NA
Intel Core m7-6Y75 @ 1.20GHz	3,501	NA
AMD A10-8700P	3,461	NA
Intel Core m5-6Y54 @ 1.10GHz	3,359	NA
Intel Core i5-5350U @ 1.80GHz	3,316	NA
AMD A8-7200P	3,300	NA
AMD A8-8600P	3,248	NA
Intel Core m5-6Y57 @ 1.10GHz	3,216	NA
Intel Core i3-5020U @ 2.20GHz	3,185	\$459.00*
Intel Pentium 4415U @ 2.30GHz	3,184	NA
Intel Atom C2758 @ 2.40GHz	3,162	\$214.86*
Intel Core i3-6006U @ 2.00GHz	3,112	NA
Intel Core m3-6Y30 @ 0.90GHz	3,051	NA
Intel Core i3-4120U @ 2.00GHz	3,050	NA
Intel Core i3-5015U @ 2.10GHz	3,040	NA
Intel Pentium 4405U @ 2.10GHz	2,965	NA
Intel Core i3-4110U @ 1.90GHz	2,902	NA
AMD PRO A4-3350B APU	2,833	NA
Intel Core i5-4422E @ 1.80GHz	2,806	\$266.00*
AMD PRO A6-7350B	2,759	NA
AMD A8-7410 APU	2,745	NA
AMD A6-7310 APU	2,682	NA
Intel Celeron G3900E @ 2.40GHz	2,679	NA
AMD A9-9410	2,574	NA
Intel Pentium 3825U @ 1.90GHz	2,537	NA
AMD PRO A6-8500B	2,516	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2,512	NA

AMD A4-7210 APU	2,484	NA
Intel Celeron 3965U @ 2.20GHz	2,470	\$107.00*
AMD PRO A6-8530B	2,435	NA
AMD Embedded R-Series RX-216GD	2,409	NA
AMD A4 PRO-3340B	2,402	NA
Intel Celeron 2000E @ 2.20GHz	2,365	NA
AMD A9-9420	2,332	NA
AMD PRO A6-9500B	2,303	NA
AMD A6-9220	2,302	NA
AMD E2-7110 APU	2,284	NA
AMD A9-9400	2,274	NA
Intel Core i5-4220Y @ 1.60GHz	2,262	NA
AMD A6-8500P	2,183	NA
Intel Atom C2558 @ 2.40GHz	2,169	\$136.00*
AMD A4-5050 APU	2,134	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2,088	NA
Intel Atom C2538 @ 2.40GHz	2,085	\$104.00*
AMD A4-5100 APU	2,082	NA
Intel Pentium 4405Y @ 1.50GHz	2,059	NA
Intel Pentium 4410Y @ 1.50GHz	2,056	\$161.00*
Intel Celeron 3765U @ 1.90GHz	2,038	NA
Intel Pentium N4200 @ 1.10GHz	2,030	\$206.47
AMD A8-7050	1,986	NA
Intel Celeron 3865U @ 1.80GHz	1,959	NA
Intel Atom x7-Z8750 @ 1.60GHz	1,948	NA
Intel Atom E3940 @ 1.60GHz	1,920	NA
AMD A6-9210	1,908	NA
AMD A6-9200	1,895	NA
Intel Pentium N3710 @ 1.60GHz	1,875	NA
AMD E2-9010	1,852	NA
Intel Atom x5-Z8550 @ 1.44GHz	1,835	NA
AMD A6 Micro-6500T APU	1,834	NA
AMD A4-9120	1,833	NA
Intel Celeron N3450 @ 1.10GHz	1,828	\$168.25
Intel Celeron 3955U @ 2.00GHz	1,801	NA
Intel Atom E3950 @ 1.60GHz	1,769	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1,750	NA
AMD E2-9000	1,733	NA
Intel Celeron N3160 @ 1.60GHz	1,700	\$286.99
Intel Atom x5-Z8500 @ 1.44GHz	1,690	\$62.57*
AMD QC-4000	1,657	NA
Intel Celeron N3150 @ 1.60GHz	1,657	NA
Intel Celeron 3855U @ 1.60GHz	1,655	NA
Intel Celeron 3215U @ 1.70GHz	1,626	NA
Intel Celeron 3965Y @ 1.50GHz	1,619	\$107.00*
AMD A9-9420e	1,613	NA
Intel Atom x5-E8000 @ 1.04GHz	1,609	NA
AMD R-260H APU	1,576	NA
Intel Celeron 2981U @ 1.60GHz	1,576	NA
AMD A6-9220e	1,494	NA
AMD E2-9000e	1,403	NA
Intel Atom x5-Z8350 @ 1.44GHz	1,284	\$21.00*
Intel Celeron J3355 @ 2.00GHz	1,258	NA
AMD GX-222GC SOC	1,255	NA
Intel Atom x5-Z8300 @ 1.44GHz	1,201	\$132.99*
Intel Celeron N3350 @ 1.10GHz	1,128	NA

AMD GX-218GL SOC		1,115	NA
AMD E1-7010 APU		1,011	NA
Intel Atom x5-Z8330 @ 1.44GHz		1,005	NA
Intel Celeron N3060 @ 1.60GHz		994	NA
Intel Atom C2358 @ 1.74GHz		961	NA
Intel Celeron N3010 @ 1.04GHz		936	NA
Intel Celeron N3000 @ 1.04GHz		901	NA
AMD E1-6015 APU		897	NA
Intel Celeron N3050 @ 1.60GHz		882	\$119.42
Intel Atom E3827 @ 1.74GHz		849	NA
Intel Atom x5-E3930 @ 1.30GHz		811	NA
Intel Atom E3826 @ 1.46GHz		489	NA
AMD GX-210JA SOC		401	NA
Intel Celeron B710 @ 1.60GHz		186	NA
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