

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.







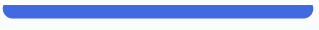



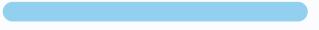







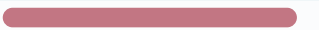













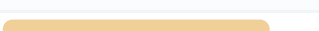





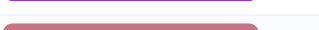









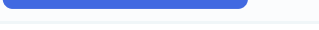



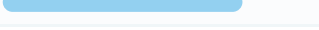



















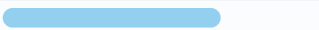

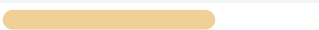









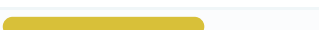









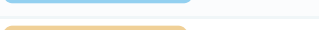
CPU Mark	Price Performance	Sorted by Date
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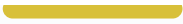



















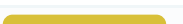









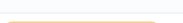



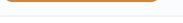

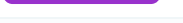

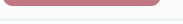



























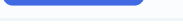






















PassMark - CPU Mark











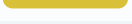



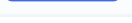













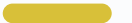















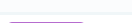

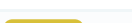























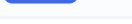



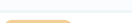















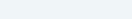




Laptop & Portable CPU Performance

Updated 25th of May 2021

CPU	CPU Mark	Price (USD)
AMD Ryzen 9 5900HX	23,788	NA
Intel Core i7-11850H @ 2.50GHz	23,609	\$395.00*
AMD Ryzen 9 5980HS	23,078	NA
AMD Ryzen 9 5900HS	23,009	NA
AMD Ryzen 7 5800H	22,015	NA
AMD Ryzen 7 5800HS	21,562	NA
AMD Ryzen 7 PRO 5850U	20,460	NA
AMD Ryzen 7 5800U	19,997	NA
AMD Ryzen 9 4900HS	19,699	NA
AMD Ryzen 7 4800H	19,216	NA
AMD Ryzen 7 4800HS	19,042	NA
AMD Ryzen 9 4900H	19,028	NA
AMD Ryzen 5 5600H	18,309	NA
AMD Ryzen 7 Extreme Edition	18,187	NA
AMD Ryzen 7 4800U	17,340	NA
Intel Xeon W-10885M @ 2.40GHz	17,160	\$623.00*
AMD Ryzen 5 PRO 5650U	16,934	NA
Intel Core i9-10980HK @ 2.40GHz	16,606	\$583.00*
Intel Core i7-10700TE @ 2.00GHz	16,332	\$330.00*
Intel Core i9-10885H @ 2.40GHz	16,176	\$556.00*

	AMD Ryzen 7 5700U		16,103	NA
	AMD Ryzen 5 5600U		16,080	NA
 CPU Benchmarks ▼				
	Intel Xeon E-2286M @ 2.40GHz		15,756	\$1,373.18*
	AMD Ryzen 7 PRO 4750U		15,583	NA
	Intel Core i7-10870H @ 2.20GHz		15,524	\$417.00*
	Intel Core i9-10880H @ 2.30GHz		15,390	NA
	Intel Core i9-9980HK @ 2.40GHz		15,096	\$583.00*
	Apple M1 8 Core 3200 MHz		15,090	NA
	AMD Ryzen 5 4600H		14,824	NA
	AMD Ryzen 5 PRO 4400GE		14,795	NA
	AMD Ryzen 5 4600HS		14,593	NA
	Intel Core i9-9880H @ 2.30GHz		13,968	\$556.00*
	AMD Ryzen 7 4700U		13,793	NA
	AMD Ryzen 5 4600U		13,757	NA
	AMD Ryzen 5 5500U		13,715	NA
	Intel Core i7-11375H @ 3.30GHz		13,485	\$482.00*
	Intel Xeon W-10855M @ 2.80GHz		13,159	\$450.00*
	AMD Ryzen 5 PRO 4650U		12,981	NA
	Intel Core i7-11370H @ 3.30GHz		12,886	\$426.00*
	Intel Core i7-8700B @ 3.20GHz		12,650	\$303.00*
	Intel Core i7-10750H @ 2.60GHz		12,578	NA
	Intel Core i7-10850H @ 2.70GHz		12,556	\$395.00*
	Intel Core i5-10500H @ 2.50GHz		12,369	\$250.00*
	Intel Xeon E-2276M @ 2.80GHz		12,252	\$450.00*
	AMD Ryzen 3 5400U		12,129	NA
	AMD Ryzen 5 PRO 4500U		12,049	NA
	Intel Core i7-1185G7E @ 2.80GHz		11,645	\$431.00*
	Intel Core i7-9750HF @ 2.60GHz		11,617	\$395.00*
	Intel Core i7-9850H @ 2.60GHz		11,597	\$1,305.76*
	Intel Core i7-9750H @ 2.60GHz		11,321	\$960.00
	Intel Core i7-1185G7 @ 3.00GHz		11,256	\$426.00*
	AMD Ryzen 5 4500U		11,251	NA
	Intel Core i5-11300H @ 3.10GHz		11,095	\$309.00*
	AMD Ryzen 3 PRO 4200GE		11,006	NA
	Intel Core i7-1160G7 @ 1.20GHz		10,981	\$426.00*
	Intel Core i7-9700TE @ 1.80GHz		10,722	\$323.00*
	Intel Core i5-1145G7 @ 2.60GHz		10,676	NA
	AMD Ryzen 3 5300U		10,642	NA
	Intel Core i7-1165G7 @ 2.80GHz		10,591	\$426.00*
	Intel Core i5-1130G7 @ 1.10GHz		10,483	\$309.00*
	Intel Core i7-1068NG7 @ 2.30GHz		10,335	\$426.00*
	Intel Core i7-10710U @ 1.10GHz		10,101	\$644.99
	AMD Ryzen 3 PRO 4450U		10,097	NA
	Intel Core i5-1135G7 @ 2.40GHz		10,085	\$309.00*
	Intel Core i5-1038NG7 @ 2.00GHz		9,693	\$320.00*
	Intel Core i5-8500B @ 3.00GHz		9,551	\$192.00*
	Intel Core i5-9400F @ 2.90GHz		9,541	\$167.77

	Intel Core i7-8569U @ 2.80GHz		9,251	\$431.00*
	Intel Core i5-9500TE @ 2.70GHz		9,212	\$192.00*
	CPU Benchmarks ▼			
	Intel Core i7-9850HL @ 1.90GHz		9,112	\$395.00*
	Intel Core i5-10400H @ 2.60GHz		9,008	\$250.00*
	Intel Core i3-1125G4 @ 2.00GHz		8,996	NA
	Intel Core i7-8559U @ 2.70GHz		8,873	\$617.00*
	Intel Core i7-1065G7 @ 1.30GHz		8,861	\$426.00*
	Intel Core i5-10300H @ 2.50GHz		8,780	\$250.00*
	Intel Core i5-10200H @ 2.40GHz		8,515	\$250.00*
	Intel Core i7-8557U @ 1.70GHz		8,429	\$431.00*
	Intel Core i5-1035G7 @ 1.20GHz		8,407	\$320.00*
	AMD Ryzen 7 3750H		8,370	NA
	AMD Ryzen Embedded V1807B		8,342	NA
	Intel Core i5-1035G4 @ 1.10GHz		8,304	\$309.00*
	Intel Core i5-9400H @ 2.50GHz		8,267	\$250.00*
	Intel Core i5-8259U @ 2.30GHz		8,220	\$519.99
	Intel Core i5-8400H @ 2.50GHz		8,175	\$250.00*
	Intel Core i7-8706G @ 3.10GHz		8,136	NA
	AMD Ryzen 5 3550H		8,096	NA
	Intel Core i5-8269U @ 2.60GHz		8,055	\$320.00*
	Intel Core i5-1035G1 @ 1.00GHz		8,006	\$297.00*
	Intel Core i7-8709G @ 3.10GHz		7,921	NA
	Intel Core i5-9300H @ 2.40GHz		7,880	\$250.00*
	Intel Core i5-8260U @ 1.60GHz		7,869	\$439.99
	AMD Ryzen 5 3580U		7,866	NA
	Intel Core i5-8257U @ 1.40GHz		7,856	\$320.00*
	AMD Ryzen 3 4300U		7,673	NA
	AMD Ryzen 7 2800H		7,656	NA
	Intel Core i5-9300HF @ 2.40GHz		7,648	\$250.00*
	Intel Core i5-8279U @ 2.40GHz		7,635	\$320.00*
	AMD Ryzen 5 2600H		7,537	NA
	Intel Core i3-10100T @ 3.00GHz		7,523	\$122.00*
	Intel Core i7-1060NG7 @ 1.20GHz		7,430	NA
	AMD Ryzen 7 3780U		7,386	NA
	AMD Ryzen 7 3700U		7,359	NA
	AMD Ryzen 7 PRO 3700U		7,346	NA
	Intel Core i7-10610U @ 1.80GHz		7,159	\$409.00*
	AMD Ryzen 5 3500U		7,147	NA
	Intel Core i5-8305G @ 2.80GHz		7,073	NA
	AMD Ryzen 3 PRO 3200GE		7,071	NA
	Intel Core i7-7820EQ @ 3.00GHz		7,059	\$378.00*
	Intel Core i5-10310U @ 1.70GHz		7,052	\$297.00*
	Intel Core i7-5850EQ @ 2.70GHz		7,036	\$435.00*
	AMD Ryzen 5 3450U		6,969	NA
	Intel Core i7-10510U @ 1.80GHz		6,965	\$409.00*
	AMD Ryzen 5 PRO 3500U		6,938	NA
	AMD Ryzen Embedded V1605B		6,876	NA

	Intel Core i7-8665UE @ 1.70GHz		6,587	\$409.00*
	Intel Core i7-8665U @ 1.90GHz		6,526	\$704.49*
 CPU Benchmarks ▼				
	Intel Core i5-8365U @ 1.60GHz		6,411	\$539.07*
	Intel Core i7-8565U @ 1.80GHz		6,378	\$615.00*
	Intel Core i3-1115G4 @ 3.00GHz		6,325	\$281.00*
	Intel Core i7-8565UC @ 1.80GHz		6,187	NA
	Intel Core i5-8265U @ 1.60GHz		6,129	\$499.88*
	Intel Core i5-8265UC @ 1.60GHz		5,988	NA
	AMD Ryzen 3 PRO 3300U		5,963	NA
	Intel Core i3-8100B @ 3.60GHz		5,951	\$133.00*
	AMD Ryzen 3 3300U		5,850	NA
	Intel Core i5-7440EQ @ 2.90GHz		5,711	\$250.00*
	Intel Core i3-9100TE @ 2.20GHz		5,705	\$122.00*
	Intel Core i5-1030NG7 @ 1.10GHz		5,683	NA
	Intel Pentium Gold 7505 @ 2.00GHz		5,513	NA
	AMD Ryzen 3 2300U		5,473	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		5,216	\$281.00*
	Intel Core i5-10210Y @ 1.00GHz		4,836	NA
	Intel Core i5-7442EQ @ 2.10GHz		4,834	\$250.00*
	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 i3-8121U @ 2.20GHz		4,369	\$290.00
	Intel Core i3-8109U @ 3.00GHz		4,339	\$504.00
	Intel Core i3-1000NG4 @ 1.10GHz		4,309	NA
	AMD Athlon Gold 3150U		4,221	NA
	AMD Ryzen 3 3250U		4,149	NA
	Intel Core i5-7287U @ 3.30GHz		4,149	NA
	Intel Core i3-8145UE @ 2.20GHz		4,133	\$281.00*
	Intel Core i3-10110U @ 2.10GHz		4,032	\$332.55
	AMD Athlon 300U		4,030	NA
	AMD Ryzen Embedded R1505G		3,969	NA
	AMD Ryzen 3 3200U		3,966	NA
	Microsoft ARM SQ1 @ 3.0 GHz		3,944	NA
	Intel Core i7-6660U @ 2.40GHz		3,885	\$415.00*
	AMD Ryzen Embedded V1202B		3,823	NA
	Intel Core i3-8145U @ 2.10GHz		3,817	\$281.00*
	Intel Celeron N5100 @ 1.10GHz		3,790	NA
	AMD A8-7680		3,531	\$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		3,372	\$281.00*
	AMD Ryzen Embedded R1305G		3,329	NA
	AMD Athlon Silver 3050U		3,196	NA
	Intel Core m3-8100Y @ 1.10GHz		3,022	\$281.00*

	AMD Athlon Silver 3050e		3,010	NA
	Intel Core i5-8210Y @ 1.60GHz		2,908	NA
CPU Benchmarks ▼				
	AMD A6-9400		2,717	NA
	Intel Pentium Silver N5030 @ 1.10GHz		2,712	NA
	AMD 3015e		2,678	NA
	AMD 3020e		2,634	NA
	Intel Core i3-7102E @ 2.10GHz		2,521	\$225.00*
	Intel Celeron N4120 @ 1.10GHz		2,477	NA
	Intel Celeron N4100 @ 1.10GHz		2,456	\$107.00*
	Intel Core i3-6102E @ 1.90GHz		2,349	\$225.00*
	Intel Pentium 6405U @ 2.40GHz		2,348	\$161.00*
	Intel Core i5-8200Y @ 1.30GHz		2,308	\$291.00*
	Intel Pentium 5405U @ 2.30GHz		2,307	\$161.00*
	Intel Celeron 6305 @ 1.80GHz		2,246	NA
	Intel Pentium 4417U @ 2.30GHz		2,230	\$161.00*
	Intel Pentium G4400TE @ 2.40GHz		2,190	\$64.00*
	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		1,679	\$161.00*
	Intel Celeron N4020 @ 1.10GHz		1,622	NA
	Intel Pentium 4415Y @ 1.60GHz		1,615	\$161.00*
	Intel Celeron N4000C @ 1.10GHz		1,602	NA
	AMD A9-9425		1,547	NA
	Intel Celeron 3867U @ 1.80GHz		1,467	\$107.00*
	Intel Celeron 5205U @ 1.90GHz		1,439	\$107.00*
	AMD A6-9225		1,336	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 A4-9125		1,215	NA
	AMD R-272F APU		1,215	NA
	AMD A6-9220C		1,208	NA
	Intel Celeron 2002E @ 1.50GHz		1,091	\$86.00*
	AMD PRO A4-4350B		1,046	NA
	AMD A4-9120e		912	NA
	AMD A4-9120C		766	NA
	AMD G-T40R		120	NA

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