










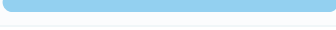





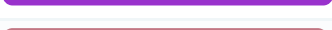































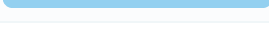

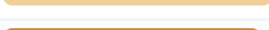

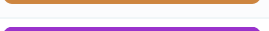













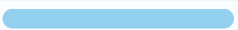














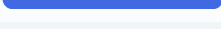











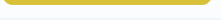
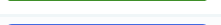







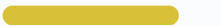








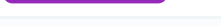




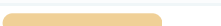

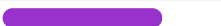








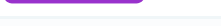

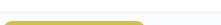

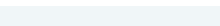












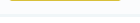

















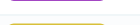
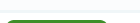














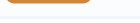
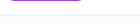
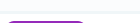

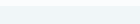


PassMark - CPU Mark






Laptop & Portable CPU Performance

Updated 17th of February 2022

CPU	CPU Mark	Price (USD)
 Intel Core i9-12900H	 33,374	\$617.00*
 Intel Core i7-12700H	 28,396	\$457.00*
 Intel Xeon W-11955M @ 2.60GHz	 24,231	\$623.00*
 Intel Core i9-12900HK	 23,859	\$635.00*
 Apple M1 Pro 10 Core 3200 MHz	 23,553	NA
 Apple M1 Max 10 Core 3200 MHz	 23,468	NA
 AMD Ryzen 9 5980HX	 23,433	NA
 Intel Core i9-11980HK @ 2.60GHz	 23,378	\$583.00*
 AMD Ryzen 9 5900HX	 23,214	NA
 Intel Core i7-1270P	 22,842	NA
 Intel Core i9-11950H @ 2.60GHz	 22,664	\$556.00*
 AMD Ryzen 9 5900HS	 22,281	NA
 Intel Core i9-11900H @ 2.50GHz	 21,904	\$546.00*
 Intel Core i7-11850H @ 2.50GHz	 21,632	\$395.00*
 Intel Core i7-11800H @ 2.30GHz	 21,593	\$395.00*
 AMD Ryzen 9 5980HS	 21,529	NA
 AMD Ryzen 7 5800H	 21,512	NA
 AMD Ryzen 7 5800HS Creator Edition	 21,026	NA
 AMD Ryzen 9 5900H	 20,960	NA
 AMD Ryzen 7 5800HS	 20,844	NA
 Intel Core i5-12450H	 19,820	\$311.00*
 AMD Ryzen 9 4900HS	 19,509	NA
 AMD Ryzen 9 4900H	 19,271	NA
 Intel Xeon W-11855M @ 3.20GHz	 19,194	\$450.00*
 AMD Ryzen 7 4800H	 19,082	NA
 AMD Ryzen 7 5800U	 19,029	NA
 AMD Ryzen 7 4800HS	 18,866	NA
 AMD Ryzen 7 Extreme Edition	 18,209	NA
 Apple M1 Pro 8 Core 3200 MHz	 18,190	NA
 AMD Ryzen 7 PRO 5850U	 17,826	NA
 AMD Ryzen 5 5600H	 17,146	NA
 AMD Ryzen 7 4800U	 17,073	NA
 Intel Core i7-10700E @ 2.90GHz	 17,020	\$330.00*
 Intel Core i5-11500H @ 2.90GHz	 16,513	\$250.00*
 Intel Core i9-10980HK @ 2.40GHz	 16,461	\$583.00*
 Intel Core i7-10700TE @ 2.00GHz	 16,332	\$330.00*
 AMD Ryzen 7 5700U	 16,267	NA
 Intel Core i5-11400H @ 2.70GHz	 16,124	\$250.00*
 Intel Core i7-11600H @ 2.90GHz	 16,030	\$395.00*
 Intel Xeon W-10885M @ 2.40GHz	 16,013	\$623.00*
 Intel Core i9-10885H @ 2.40GHz	 15,880	\$556.00*
 Intel Xeon E-2286M @ 2.40GHz	 15,580	\$1,373.18*
 AMD Ryzen 7 PRO 4750U	 15,519	NA
 Intel Core i7-10875H @ 2.30GHz	 15,512	\$450.00*

AMD Ryzen 5 5600U		15,507	NA
AMD Ryzen 5 PRO 5650U		15,460	NA
Apple M1 8 Core 3200 MHz		15,109	NA
Intel Core i7-10870H @ 2.20GHz		15,099	\$417.00*
Intel Core i5-11260H @ 2.60GHz		15,074	\$250.00*
Intel Core i9-10880H @ 2.30GHz		15,064	NA
AMD Ryzen 5 PRO 4400GE		14,795	NA
Intel Core i9-9980HK @ 2.40GHz		14,792	\$583.00*
AMD Ryzen 5 4600H		14,764	NA
AMD Ryzen 5 4600HS		14,735	NA
Intel Core i9-9880H @ 2.30GHz		14,023	\$556.00*
AMD Ryzen 7 4700U		13,689	NA
AMD Ryzen 5 4600U		13,603	NA
AMD Ryzen 5 5500U		13,216	NA
Intel Xeon W-10855M @ 2.80GHz		13,104	\$450.00*
AMD Ryzen 5 PRO 4650U		12,938	NA
Intel Core i7-10750H @ 2.60GHz		12,418	NA
Intel Core i7-11375H @ 3.30GHz		12,340	\$482.00*
Intel Core i7-11370H @ 3.30GHz		12,315	\$426.00*
AMD Ryzen 3 5425U		12,269	NA
Intel Core i7-1260P		12,224	NA
Intel Core i7-10850H @ 2.70GHz		12,138	\$395.00*
AMD Ryzen 5 PRO 4500U		12,049	NA
AMD Ryzen 3 PRO 5450U		12,047	NA
Intel Xeon E-2276M @ 2.80GHz		11,993	\$450.00*
AMD Ryzen 3 5400U		11,867	NA
Intel Core i7-1185G7E @ 2.80GHz		11,645	\$431.00*
Intel Core i5-10500H @ 2.50GHz		11,598	\$250.00*
Intel Core i7-9750HF @ 2.60GHz		11,543	\$395.00*
Intel Core i7-9850H @ 2.60GHz		11,539	\$1,305.76*
Intel Core i5-11320H @ 3.20GHz		11,471	\$309.00*
Intel Core i7-1195G7 @ 2.90GHz		11,254	\$426.00*
Intel Core i7-9750H @ 2.60GHz		11,219	\$960.00*
Intel Core i7-11390H @ 3.40GHz		11,202	\$426.00*
Intel Core i5-11300H @ 3.10GHz		11,161	\$309.00*
AMD Ryzen 5 4500U		11,143	NA
Intel Core i7-1185G7 @ 3.00GHz		11,025	\$426.00*
AMD Ryzen 3 PRO 4200GE		10,930	NA
Intel Core i7-9700TE @ 1.80GHz		10,826	\$323.00*
Intel Core i5-1145G7 @ 2.60GHz		10,623	NA
Intel Core i7-1165G7 @ 2.80GHz		10,608	\$426.00*
Intel Core i5-1155G7 @ 2.50GHz		10,565	\$309.00*
Intel Core i7-1160G7 @ 1.20GHz		10,316	\$426.00*
Intel Core i7-1068NG7 @ 2.30GHz		10,241	\$426.00*
Intel Core i5-1130G7 @ 1.10GHz		10,206	\$309.00*
Intel Core i5-1135G7 @ 2.40GHz		10,153	\$309.00*
AMD Ryzen 3 PRO 4450U		10,139	NA
AMD Ryzen 3 5300U		10,101	NA
Intel Core i7-10710U @ 1.10GHz		10,091	\$644.99*

Intel Core i3-1125G4 @ 2.00GHz		9,971	NA
Intel Core i5-1038NG7 @ 2.00GHz		9,728	\$320.00*
Intel Core i5-9500TE @ 2.20GHz		9,212	\$192.00*
Intel Core i7-9850HL @ 1.90GHz		9,112	\$395.00*
Intel Core i5-10400H @ 2.60GHz		9,022	\$250.00*
Intel Core i7-1065G7 @ 1.30GHz		8,737	\$426.00*
Intel Core i5-10300H @ 2.50GHz		8,734	\$250.00*
Intel Core i5-10200H @ 2.40GHz		8,507	\$250.00*
Intel Core i7-8569U @ 2.80GHz		8,494	\$431.00*
Intel Core i5-1035G7 @ 1.20GHz		8,376	\$320.00*
Intel Core i5-9400H @ 2.50GHz		8,357	\$250.00*
Intel Core i7-10810U @ 1.10GHz		8,353	\$443.00*
AMD Ryzen 7 3750H		8,277	NA
Intel Core i5-1035G4 @ 1.10GHz		8,267	\$309.00*
Intel Core i7-8557U @ 1.70GHz		8,225	\$431.00*
Intel Core i5-8279U @ 2.40GHz		8,116	\$320.00*
Intel Core i5-8269U @ 2.60GHz		8,055	\$320.00*
Intel Core i5-8260U @ 1.60GHz		7,854	\$439.99*
AMD Ryzen 5 2600H		7,836	NA
Intel Core i5-9300H @ 2.40GHz		7,825	\$250.00*
AMD Ryzen 5 3580U		7,820	NA
Intel Core i5-1035G1 @ 1.00GHz		7,772	\$297.00*
Intel Core i5-9300HF @ 2.40GHz		7,704	\$250.00*
Intel Core i5-8257U @ 1.40GHz		7,652	\$320.00*
AMD Ryzen 3 4300U		7,588	NA
AMD Ryzen 7 3780U		7,549	NA
Intel Core i7-7820EQ @ 3.00GHz		7,453	\$378.00*
Intel Core i3-10100T @ 3.00GHz		7,426	\$122.00*
AMD Ryzen 7 3700U		7,327	NA
AMD Ryzen 7 PRO 3700U		7,312	NA
Intel Core i7-1060NG7 @ 1.20GHz		7,211	NA
AMD Ryzen 5 3500U		7,112	NA
AMD Ryzen 3 PRO 3200GE		7,071	NA
Intel Core i7-10610U @ 1.80GHz		7,038	\$409.00*
AMD Ryzen 5 PRO 3500U		6,938	NA
AMD Ryzen 5 3450U		6,868	NA
Intel Core i7-10510U @ 1.80GHz		6,868	\$409.00*
Intel Core i5-10310U @ 1.70GHz		6,685	\$297.00*
Intel Core i7-1180G7 @ 1.30GHz		6,607	\$426.00*
Intel Core i7-8665U @ 1.90GHz		6,459	\$704.49*
Intel Core i5-10210U @ 1.60GHz		6,445	\$702.62*
Intel Core i3-1115G4 @ 3.00GHz		6,346	\$281.00*
Intel Core i5-8365U @ 1.60GHz		6,344	\$539.07*
Intel Core i5-1030NG7 @ 1.10GHz		6,252	NA
Intel Core i7-8565UC @ 1.80GHz		6,187	NA
AMD Ryzen 3 PRO 3300U		6,134	NA
Intel Core i5-8265UC @ 1.60GHz		5,988	NA
AMD Ryzen 3 3350U		5,960	NA
AMD Ryzen 3 3300U		5,867	NA

Intel Core i5-7440EQ @ 2.90GHz		5,711	\$250.00*
Intel Core i5-8365UE @ 1.60GHz		5,555	\$297.00*
Intel Pentium Gold 7505 @ 2.00GHz		5,370	NA
Intel Core i7-10510Y @ 1.20GHz		5,289	\$403.00*
Intel Core i3-1005G1 @ 1.20GHz		5,151	\$281.00*
Intel Core i5-10210Y @ 1.00GHz		4,836	NA
Intel Pentium 6805 @ 1.10GHz		4,735	\$161.00*
Intel Core i7-8665UE @ 1.70GHz		4,693	\$409.00*
Intel Core i5-6442EQ @ 1.90GHz		4,598	\$250.00*
AMD Athlon Silver 3050GE		4,545	NA
Intel Core i3-9100TE @ 2.20GHz		4,501	\$122.00*
Intel Core i3-8140U @ 2.10GHz		4,472	NA
AMD Athlon 220GE		4,471	\$114.52
Microsoft ARM SQ1 @ 3.0 GHz		4,371	NA
Intel Core i5-6350HQ @ 2.30GHz		4,255	\$306.00*
AMD Ryzen 5 3500C		4,235	NA
Intel Pentium Silver N6005 @ 2.00GHz		4,143	NA
Intel Core i3-8145UE @ 2.20GHz		4,133	\$281.00*
AMD Athlon Gold 3150U		4,060	NA
Intel Core i3-10110U @ 2.10GHz		4,027	\$434.17*
Intel Core i3-1000NG4 @ 1.10GHz		4,018	NA
AMD Athlon 300U		4,008	NA
AMD Ryzen 3 3250U		3,993	NA
AMD Ryzen Embedded R1505G		3,966	NA
AMD Ryzen 3 3200U		3,907	NA
Intel Core i5-L16G7 @ 1.40GHz		3,405	\$281.00*
Intel Pentium Silver N5020 @ 1.10GHz		3,404	NA
AMD Ryzen Embedded R1305G		3,329	NA
Intel Core i3-10110Y @ 1.00GHz		3,278	\$287.00*
Intel Celeron N5100 @ 1.10GHz		3,190	NA
AMD Athlon Silver 3050U		3,074	NA
AMD Athlon Silver 3050e		2,930	NA
AMD A6-9400		2,717	NA
AMD 3015e		2,703	NA
Intel Pentium Silver N5030 @ 1.10GHz		2,681	NA
Intel Core i3-7102E @ 2.10GHz		2,521	\$225.00*
Intel Celeron N4120 @ 1.10GHz		2,494	NA
AMD 3020e		2,489	NA
Intel Pentium 6405U @ 2.40GHz		2,367	\$161.00*
Intel Core i3-6102E @ 1.90GHz		2,349	\$225.00*
AMD Ryzen 3 3250C		2,332	NA
Intel Pentium 5405U @ 2.30GHz		2,275	\$161.00*
Intel Pentium 4417U @ 2.30GHz		2,256	\$161.00*
Intel Celeron 6305 @ 1.80GHz		2,227	NA
Intel Celeron 4305UE @ 2.00GHz		1,908	NA
Intel Pentium 4425Y @ 1.70GHz		1,691	\$161.00*
Intel Celeron N4000C @ 1.10GHz		1,611	NA
Intel Celeron N4020 @ 1.10GHz		1,593	NA
Intel Celeron 3867U @ 1.80GHz		1,482	\$107.00*

☰	Intel Celeron 5205U @ 1.90GHz	●	1,414	\$107.00*
☰	Intel Celeron 4205U @ 1.80GHz	●	1,326	\$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 A6-9220C	●	1,151	NA
☰	AMD PRO A4-4350B	●	1,093	NA
☰	AMD A4-9120e	●	899	NA
☰	AMD A4-9120C	●	894	NA