










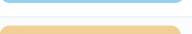




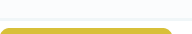




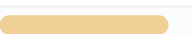

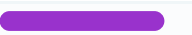









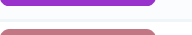

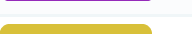



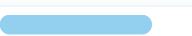



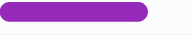




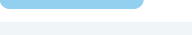







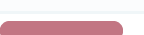





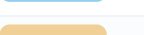







PassMark - CPU Mark












Laptop & Portable CPU Performance

Updated 2nd of January 2023

CPU	CPU Mark	Price (USD)
Intel Core i9-12900HX	35,265	\$606.00*
Intel Core i7-12800HX	34,217	\$457.00*
Intel Core i9-12950HX	32,511	\$590.00*
Intel Core i7-12850HX	29,309	\$428.00*
Intel Core i9-12900HK	28,913	\$635.00*
Intel Core i9-12900H	28,791	\$617.00*
Intel Core i7-12700H	26,814	\$457.00*
Intel Core i7-1370P	25,032	NA
AMD Ryzen 9 6900HX	24,881	NA
Intel Core i7-12650H	24,727	\$457.00*
Intel Core i7-12800H	24,597	\$457.00*
AMD Ryzen 9 6900HS	24,026	NA
AMD Ryzen 9 PRO 6950H	23,967	NA
AMD Ryzen 7 6800H	23,821	NA
AMD Ryzen 9 PRO 6950HS	23,705	NA
AMD Ryzen 9 5980HX	23,588	NA
Intel Core i9-11980HK @ 2.60GHz	23,341	\$583.00*
Intel Xeon W-11955M @ 2.60GHz	23,233	\$623.00*
Intel Core i5-12600HX	23,066	\$284.00*
AMD Ryzen 7 PRO 6850H	22,990	NA
AMD Ryzen 7 6800HS Creator Edition	22,968	NA
AMD Ryzen 7 6800HS	22,924	NA
AMD Ryzen 9 5900HX	22,884	NA
AMD Ryzen 9 6900HS Creator Edition	22,767	NA
Intel Core i5-12600H	22,704	\$311.00*
Apple M1 Max 10 Core 3200 MHz	22,178	NA
AMD Ryzen 9 5900HS	22,111	NA
Intel Core i9-11950H @ 2.60GHz	22,003	\$556.00*
Apple M1 Pro 10 Core 3200 MHz	21,987	NA
Intel Core i5-12500H	21,844	\$311.00*
AMD Ryzen 7 PRO 6860Z	21,543	NA
AMD Ryzen 7 5800H	21,308	NA
AMD Ryzen 7 PRO 6850U	21,216	NA
Intel Core i9-11900H @ 2.50GHz	21,123	\$546.00*
Intel Core i7-11800H @ 2.30GHz	21,065	\$395.00*
AMD Ryzen 9 5980HS	21,058	NA
Intel Core i7-11850H @ 2.50GHz	20,968	\$395.00*
AMD Ryzen 9 5900H	20,960	NA
AMD Ryzen 7 5800HS Creator Edition	20,948	NA
Intel Core i7-12700TE	20,712	\$344.00*
AMD Ryzen 7 PRO 6850HS	20,606	NA
AMD Ryzen 7 6800U	20,600	NA
AMD Ryzen 7 5800HS	20,571	NA
Intel Core i7-1280P	20,455	\$482.00*

AMD Ryzen 5 PRO 6650H		20,103	NA
AMD Ryzen 5 6600HS Creator Edition		19,300	NA
AMD Ryzen 9 4900HS		19,297	NA
AMD Ryzen 9 4900H		19,238	NA
AMD Ryzen 7 4800H		18,861	NA
AMD Ryzen 5 6600H		18,792	NA
AMD Ryzen 7 4800HS		18,738	NA
AMD Ryzen 7 5800U		18,736	NA
Intel Xeon W-11855M @ 3.20GHz		18,365	\$450.00*
AMD Ryzen 7 5825U		18,340	NA
Intel Core i5-1250P		18,319	NA
AMD Ryzen 7 Extreme Edition		18,261	NA
Intel Core i5-12450H		18,167	\$311.00*
Intel Core i7-1270P		17,836	NA
AMD Ryzen 5 6600U		17,554	NA
AMD Ryzen 5 7530U		17,537	NA
AMD Ryzen 7 4980U Microsoft Surface Edition		17,469	NA
Intel Core i5-1240P		17,389	NA
AMD Ryzen 7 PRO 5850U		17,298	NA
Apple M1 Pro 8 Core 3200 MHz		17,240	NA
AMD Ryzen 5 5600H		17,143	NA
Intel Core i7-1260P		17,058	NA
AMD Ryzen 7 4800U		17,011	NA
Intel Core i5-12500TE		16,584	\$205.00*
AMD Ryzen 5 PRO 6650U		16,545	NA
Intel Core i7-10700E @ 2.90GHz		16,418	\$330.00*
Intel Core i7-10700TE @ 2.00GHz		16,332	\$330.00*
Intel Core i5-11500H @ 2.90GHz		16,150	\$250.00*
Intel Xeon W-10885M @ 2.40GHz		16,036	\$623.00*
Intel Core i9-10980HK @ 2.40GHz		15,980	\$583.00*
Intel Core i5-11400H @ 2.70GHz		15,943	\$250.00*
AMD Ryzen 7 4850U Mobile		15,920	NA
Intel Core i7-11600H @ 2.90GHz		15,907	\$395.00*
AMD Ryzen 7 5700U		15,852	NA
Intel Core i5-11260H @ 2.60GHz		15,684	\$250.00*
AMD Ryzen 7 PRO 5875U		15,600	NA
Intel Core i9-10885H @ 2.40GHz		15,488	\$556.00*
AMD Ryzen 5 5600U		15,368	NA
Apple M2 8 Core 3500 MHz		15,327	NA
AMD Ryzen 7 PRO 4750U		15,326	NA
Intel Core i7-10875H @ 2.30GHz		15,299	\$450.00*
Intel Core i3-1220P		15,201	\$281.00*
AMD Ryzen 5 PRO 5650U		15,061	NA
AMD Ryzen 5 5560U		14,938	NA
AMD Ryzen 5 5625U		14,928	NA
Intel Core i7-10870H @ 2.20GHz		14,842	\$417.00*
AMD Ryzen 5 PRO 4400GE		14,795	NA
Intel Core i9-10880H @ 2.30GHz		14,736	NA
AMD Ryzen 5 4600H		14,635	NA
AMD Ryzen 5 4600HS		14,565	NA
AMD Ryzen 5 PRO 5675U		14,498	NA
Intel Core i5-1240U		14,323	NA

Apple M1 8 Core 3200 MHz		14,312	NA
Intel Core i7-1255U		13,720	\$426.00*
Intel Core i7-1265U		13,663	\$426.00*
Intel Core i5-1235U		13,626	\$309.00*
AMD Ryzen 7 4700U		13,524	NA
AMD Ryzen 5 4600U		13,482	NA
Intel Core i7-1250U		13,234	\$426.00*
AMD Ryzen 5 5500U		13,155	NA
Intel Core i3-12100TE		12,961	\$125.00*
Intel Core i7-1260U		12,935	NA
Intel Xeon W-10855M @ 2.80GHz		12,926	\$450.00*
AMD Ryzen 5 PRO 4650U		12,814	NA
Intel Core i7-11375H @ 3.30GHz		12,260	\$482.00*
Intel Core i7-10750H @ 2.60GHz		12,174	NA
Intel Core i3-1210U		12,130	NA
AMD Ryzen 5 PRO 4500U		12,049	NA
Intel Core i7-10850H @ 2.70GHz		12,022	\$395.00*
Intel Core i7-11370H @ 3.30GHz		11,946	\$426.00*
Snapdragon 8cx Gen 3 @ 3.0 GHz		11,825	NA
Intel Core i3-1215U		11,599	NA
Intel Core i5-10500H @ 2.50GHz		11,497	\$250.00*
AMD Ryzen 3 5425U		11,497	NA
AMD Ryzen 3 PRO 5475U		11,337	NA
AMD Ryzen 3 PRO 5450U		11,248	NA
Intel Core i7-9750HF @ 2.60GHz		11,106	\$395.00*
Intel Core i5-11300H @ 3.10GHz		11,101	\$309.00*
AMD Ryzen 5 4500U		11,045	NA
Intel Core i7-1195G7 @ 2.90GHz		11,003	\$426.00*
Intel Core i5-11320H @ 3.20GHz		11,001	\$309.00*
AMD Ryzen 3 PRO 4200GE		10,930	NA
Intel Core i5-1230U		10,826	\$309.00*
AMD Ryzen 3 5400U		10,705	NA
Intel Core i7-1185G7 @ 3.00GHz		10,705	\$426.00*
Intel Core i7-11390H @ 3.40GHz		10,518	\$426.00*
Intel Core i7-1165G7 @ 2.80GHz		10,457	\$426.00*
Intel Core i5-1155G7 @ 2.50GHz		10,124	\$309.00*
Intel Core i5-1145G7 @ 2.60GHz		10,113	NA
AMD Ryzen 3 PRO 4450U		10,066	NA
Intel Core i7-1185G7E @ 2.80GHz		10,053	\$431.00*
Intel Core i5-1135G7 @ 2.40GHz		10,017	\$309.00*
AMD Ryzen 3 5300U		9,967	NA
Intel Core i5-10500TE @ 2.30GHz		9,960	\$195.00*
Intel Core i7-1068NG7 @ 2.30GHz		9,884	\$426.00*
Intel Core i3-1125G4 @ 2.00GHz		9,876	NA
Intel Core i5-1038NG7 @ 2.00GHz		9,476	\$320.00*
Intel Core i7-1265UE		9,392	\$472.00*
Intel Core i7-1160G7 @ 1.20GHz		9,224	\$426.00*
Intel Core i5-9500TE @ 2.20GHz		9,028	\$192.00*
Intel Core i5-1130G7 @ 1.10GHz		8,909	\$309.00*
Intel Core i5-10400H @ 2.60GHz		8,843	\$250.00*
Intel Core i5-10300H @ 2.50GHz		8,608	\$250.00*
Intel Core i7-8569U @ 2.80GHz		8,447	\$431.00*

Intel Core i5-10200H @ 2.40GHz		8,369	\$250.00*
Intel Core i7-10810U @ 1.10GHz		8,136	\$443.00*
Intel Core i7-1180G7 @ 1.30GHz		8,119	\$426.00*
AMD Athlon Gold PRO 4150GE		8,070	NA
Intel Core i5-8269U @ 2.60GHz		8,055	\$320.00*
Intel Core i5-8260U @ 1.60GHz		7,857	\$439.99*
Intel Pentium Gold 8505		7,600	NA
Intel Core i5-9300HF @ 2.40GHz		7,558	\$250.00*
AMD Ryzen 3 4300U		7,519	NA
Intel Core i3-10100T @ 3.00GHz		7,355	\$122.00*
AMD Ryzen 7 3700C		7,145	NA
Intel Core i7-10610U @ 1.80GHz		6,954	\$409.00*
Intel Core i7-1060NG7 @ 1.20GHz		6,945	NA
AMD Ryzen 5 3450U		6,782	NA
Intel Core i5-10310U @ 1.70GHz		6,528	\$297.00*
Snapdragon 8cx Gen 2 @ 3.0 GHz		6,448	NA
Intel Core i3-1115G4 @ 3.00GHz		6,204	\$281.00*
Intel Core i7-8565UC @ 1.80GHz		6,187	NA
Snapdragon 8cx Gen 2 @ 3.15 GHz		6,171	NA
Intel Core i5-1030NG7 @ 1.10GHz		5,914	NA
AMD Ryzen 3 3350U		5,892	NA
Intel Core i5-7440EQ @ 2.90GHz		5,711	\$250.00*
Intel Pentium Silver N6005 @ 2.00GHz		5,428	NA
Intel Pentium Gold 7505 @ 2.00GHz		5,286	NA
Snapdragon 8c @ 2.46 GHz		5,230	NA
AMD Ryzen 5 3500C		5,225	NA
Intel Core i7-10510Y @ 1.20GHz		5,100	\$403.00*
Intel Core i5-10210Y @ 1.00GHz		4,817	NA
Snapdragon 8cx @ 2.84 GHz		4,556	NA
AMD Athlon Silver 3050GE		4,545	NA
Intel Core i3-9100TE @ 2.20GHz		4,501	\$122.00*
Intel Pentium 6805 @ 1.10GHz		4,448	\$161.00*
Intel Core i5-6350HQ @ 2.30GHz		4,255	\$306.00*
Intel Core i3-8140U @ 2.10GHz		4,227	NA
Intel Core i3-8145UE @ 2.20GHz		4,087	\$281.00*
AMD Athlon Gold 3150U		4,003	NA
AMD Ryzen 3 3250U		3,901	NA
Intel Core i3-1000NG4 @ 1.10GHz		3,802	NA
Snapdragon 7c @ 1.96 GHz		3,628	NA
Snapdragon 7c Gen 2 @ 2.55 GHz		3,486	NA
Intel Core i5-L16G7 @ 1.40GHz		3,458	\$281.00*
Intel Pentium Silver N5020 @ 1.10GHz		3,404	NA
Intel Celeron N5100 @ 1.10GHz		3,377	NA
AMD Athlon Gold 3150C		3,292	NA
Intel Core i3-10110Y @ 1.00GHz		3,269	\$287.00*
AMD Ryzen Embedded R1305G		3,109	NA
Snapdragon 7c @ 2.40 GHz		3,074	NA
AMD Ryzen 3 3250C		3,044	NA
AMD Athlon Silver 3050U		3,001	NA
AMD Athlon Silver 3050e		2,964	NA
Intel Celeron 7305		2,665	\$107.00*

AMD 3015e		2,663	NA
Snapdragon 850 @ 2.96 GHz		2,649	NA
Intel Pentium Silver N5030 @ 1.10GHz		2,609	NA
Intel Celeron N4120 @ 1.10GHz		2,522	NA
AMD 3020e		2,443	NA
Intel Pentium 6405U @ 2.40GHz		2,379	\$161.00*
Intel Celeron 6305 @ 1.80GHz		2,071	NA
Snapdragon 835		1,784	NA
Intel Pentium 4425Y @ 1.70GHz		1,730	\$161.00*
Intel Celeron N4020C @ 1.10GHz		1,600	NA
Intel Celeron N4020 @ 1.10GHz		1,572	NA
Intel Celeron 5205U @ 1.90GHz		1,462	\$107.00*
Intel Pentium A1020 @ 2.41GHz		1,290	NA
Intel Pentium Dual T2390 @ 1.86GHz		745	NA
AMD E2-7015 APU		672	NA
AMD E2-7015		572	NA