


# PassMark - CPU Mark

Laptop & Portable CPU Performance

Updated 3rd of July 2022

CPU	CPU Mark	Price (USD)
 Intel Core i9-12950HX	<a href="#">39,136</a>	<a href="#">\$590.00*</a>
 Intel Core i7-12800HX	<a href="#">37,866</a>	<a href="#">\$457.00*</a>
 Intel Core i9-12900HX	<a href="#">31,048</a>	<a href="#">\$606.00*</a>
 Intel Core i7-12850HX	<a href="#">30,580</a>	<a href="#">\$428.00*</a>
 Intel Core i9-12900H	<a href="#">29,388</a>	<a href="#">\$617.00*</a>
 Intel Core i9-12900HK	<a href="#">28,578</a>	<a href="#">\$635.00*</a>
 Intel Core i7-12700H	<a href="#">27,405</a>	<a href="#">\$457.00*</a>
 AMD Ryzen 9 6900HX	<a href="#">24,984</a>	<a href="#">NA</a>
 Intel Core i5-12600HX	<a href="#">24,689</a>	<a href="#">\$284.00*</a>
 Intel Core i7-12650H	<a href="#">24,631</a>	<a href="#">\$457.00*</a>
 AMD Ryzen 9 6900HS	<a href="#">24,459</a>	<a href="#">NA</a>
 AMD Ryzen 7 6800HS	<a href="#">24,101</a>	<a href="#">NA</a>
 AMD Ryzen 7 PRO 6850U	<a href="#">23,955</a>	<a href="#">NA</a>
 Intel Core i9-11980HK @ 2.60GHz	<a href="#">23,695</a>	<a href="#">\$583.00*</a>
 Intel Xeon W-11955M @ 2.60GHz	<a href="#">23,470</a>	<a href="#">\$623.00*</a>
 AMD Ryzen 9 PRO 6950HS	<a href="#">23,392</a>	<a href="#">NA</a>
 Intel Core i7-12800H	<a href="#">23,367</a>	<a href="#">\$457.00*</a>
 AMD Ryzen 7 6800H	<a href="#">23,351</a>	<a href="#">NA</a>
 AMD Ryzen 9 5980HX	<a href="#">23,262</a>	<a href="#">NA</a>
 AMD Ryzen 9 5900HX	<a href="#">23,100</a>	<a href="#">NA</a>
 Intel Core i5-12500H	<a href="#">22,726</a>	<a href="#">\$311.00*</a>
 Intel Core i9-11950H @ 2.60GHz	<a href="#">22,498</a>	<a href="#">\$556.00*</a>
 Apple M1 Max 10 Core 3200 MHz	<a href="#">22,419</a>	<a href="#">NA</a>
 Apple M1 Pro 10 Core 3200 MHz	<a href="#">22,195</a>	<a href="#">NA</a>
 AMD Ryzen 9 5900HS	<a href="#">22,173</a>	<a href="#">NA</a>
 Intel Core i5-1250P	<a href="#">22,148</a>	<a href="#">NA</a>
 AMD Ryzen 9 5980HS	<a href="#">21,491</a>	<a href="#">NA</a>
 AMD Ryzen 7 5800H	<a href="#">21,398</a>	<a href="#">NA</a>
 Intel Core i7-11800H @ 2.30GHz	<a href="#">21,238</a>	<a href="#">\$395.00*</a>
 Intel Core i9-11900H @ 2.50GHz	<a href="#">21,211</a>	<a href="#">\$546.00*</a>
 Intel Core i7-11850H @ 2.50GHz	<a href="#">21,206</a>	<a href="#">\$395.00*</a>
 Intel Core i5-12600H	<a href="#">21,000</a>	<a href="#">\$311.00*</a>
 AMD Ryzen 9 5900H	<a href="#">20,960</a>	<a href="#">NA</a>
 AMD Ryzen 7 5800HS Creator Edition	<a href="#">20,948</a>	<a href="#">NA</a>
 AMD Ryzen 7 5800HS	<a href="#">20,722</a>	<a href="#">NA</a>
 AMD Ryzen 9 4900HS	<a href="#">19,373</a>	<a href="#">NA</a>
 AMD Ryzen 9 4900H	<a href="#">19,343</a>	<a href="#">NA</a>
 Intel Core i7-1270P	<a href="#">19,283</a>	<a href="#">NA</a>
 AMD Ryzen 7 PRO 6850HS	<a href="#">19,069</a>	<a href="#">NA</a>
 AMD Ryzen 7 4800H	<a href="#">19,001</a>	<a href="#">NA</a>
 AMD Ryzen 7 5800U	<a href="#">18,939</a>	<a href="#">NA</a>
 Intel Core i7-1280P	<a href="#">18,902</a>	<a href="#">\$482.00*</a>
 AMD Ryzen 7 4800HS	<a href="#">18,839</a>	<a href="#">NA</a>
 Intel Core i5-12450H	<a href="#">18,838</a>	<a href="#">\$311.00*</a>
 Intel Xeon W-11855M @ 3.20GHz	<a href="#">18,810</a>	<a href="#">\$450.00*</a>
AMD Ryzen 7 PRO 5875U	<a href="#">18,514</a>	<a href="#">NA</a>

AMD Ryzen 5 PRO 6650U		<a href="#">18,482</a>	<a href="#">NA</a>
AMD Ryzen 7 5825U		<a href="#">18,383</a>	<a href="#">NA</a>
Intel Core i5-1240P		<a href="#">18,376</a>	<a href="#">NA</a>
Intel Core i3-1220P		<a href="#">18,329</a>	<a href="#">\$281.00*</a>
AMD Ryzen 7 Extreme Edition		<a href="#">18,209</a>	<a href="#">NA</a>
AMD Ryzen 7 PRO 5850U		<a href="#">17,473</a>	<a href="#">NA</a>
Apple M1 Pro 8 Core 3200 MHz		<a href="#">17,372</a>	<a href="#">NA</a>
AMD Ryzen 5 5600H		<a href="#">17,195</a>	<a href="#">NA</a>
AMD Ryzen 7 4800U		<a href="#">17,060</a>	<a href="#">NA</a>
AMD Ryzen 5 5560U		<a href="#">16,944</a>	<a href="#">NA</a>
Intel Core i7-1260P		<a href="#">16,483</a>	<a href="#">NA</a>
Intel Core i7-10700TE @ 2.00GHz		<a href="#">16,332</a>	<a href="#">\$330.00*</a>
Intel Core i7-10700E @ 2.90GHz		<a href="#">16,257</a>	<a href="#">\$330.00*</a>
Intel Core i5-11500H @ 2.90GHz		<a href="#">16,233</a>	<a href="#">\$250.00*</a>
Intel Core i9-10980HK @ 2.40GHz		<a href="#">16,139</a>	<a href="#">\$583.00*</a>
Intel Xeon W-10885M @ 2.40GHz		<a href="#">16,068</a>	<a href="#">\$623.00*</a>
AMD Ryzen 7 5700U		<a href="#">16,027</a>	<a href="#">NA</a>
Intel Core i5-11400H @ 2.70GHz		<a href="#">16,019</a>	<a href="#">\$250.00*</a>
AMD Ryzen 7 4850U Mobile		<a href="#">15,920</a>	<a href="#">NA</a>
Intel Core i7-11600H @ 2.90GHz		<a href="#">15,907</a>	<a href="#">\$395.00*</a>
Intel Core i9-10885H @ 2.40GHz		<a href="#">15,640</a>	<a href="#">\$556.00*</a>
AMD Ryzen 7 PRO 4750U		<a href="#">15,470</a>	<a href="#">NA</a>
Intel Core i7-10875H @ 2.30GHz		<a href="#">15,407</a>	<a href="#">\$450.00*</a>
AMD Ryzen 5 5600U		<a href="#">15,386</a>	<a href="#">NA</a>
AMD Ryzen 5 PRO 5650U		<a href="#">15,245</a>	<a href="#">NA</a>
Intel Core i5-1235U		<a href="#">15,139</a>	<a href="#">\$309.00*</a>
Intel Core i5-11260H @ 2.60GHz		<a href="#">15,074</a>	<a href="#">\$250.00*</a>
Intel Core i7-10870H @ 2.20GHz		<a href="#">14,976</a>	<a href="#">\$417.00*</a>
AMD Ryzen 5 PRO 4400GE		<a href="#">14,795</a>	<a href="#">NA</a>
AMD Ryzen 5 4600HS		<a href="#">14,735</a>	<a href="#">NA</a>
Intel Core i9-10880H @ 2.30GHz		<a href="#">14,735</a>	<a href="#">NA</a>
AMD Ryzen 5 4600H		<a href="#">14,716</a>	<a href="#">NA</a>
Apple M1 8 Core 3200 MHz		<a href="#">14,599</a>	<a href="#">NA</a>
AMD Ryzen 5 5625U		<a href="#">14,572</a>	<a href="#">NA</a>
AMD Ryzen 7 4700U		<a href="#">13,618</a>	<a href="#">NA</a>
AMD Ryzen 5 4600U		<a href="#">13,438</a>	<a href="#">NA</a>
AMD Ryzen 5 PRO 5675U		<a href="#">13,347</a>	<a href="#">NA</a>
AMD Ryzen 5 5500U		<a href="#">13,186</a>	<a href="#">NA</a>
Intel Core i7-1265U		<a href="#">13,126</a>	<a href="#">\$426.00*</a>
Intel Xeon W-10855M @ 2.80GHz		<a href="#">12,921</a>	<a href="#">\$450.00*</a>
AMD Ryzen 5 PRO 4650U		<a href="#">12,843</a>	<a href="#">NA</a>
Intel Core i3-1215U		<a href="#">12,756</a>	<a href="#">NA</a>
Intel Core i7-1255U		<a href="#">12,694</a>	<a href="#">\$426.00*</a>
Intel Core i7-10750H @ 2.60GHz		<a href="#">12,310</a>	<a href="#">NA</a>
AMD Ryzen 3 PRO 5475U		<a href="#">12,266</a>	<a href="#">NA</a>
Intel Core i7-11375H @ 3.30GHz		<a href="#">12,258</a>	<a href="#">\$482.00*</a>
Intel Core i7-10850H @ 2.70GHz		<a href="#">12,134</a>	<a href="#">\$395.00*</a>
Intel Core i3-1210U		<a href="#">12,130</a>	<a href="#">NA</a>
AMD Ryzen 5 PRO 4500U		<a href="#">12,049</a>	<a href="#">NA</a>
Intel Core i7-11370H @ 3.30GHz		<a href="#">12,018</a>	<a href="#">\$426.00*</a>
AMD Ryzen 3 5400U		<a href="#">11,871</a>	<a href="#">NA</a>
Intel Core i5-10500H @ 2.50GHz		<a href="#">11,607</a>	<a href="#">\$250.00*</a>

AMD Ryzen 3 PRO 5450U		<a href="#">11,286</a>	NA
Intel Core i7-9750HF @ 2.60GHz		<a href="#">11,255</a>	\$395.00*
Intel Core i7-1185G7E @ 2.80GHz		<a href="#">11,114</a>	\$431.00*
AMD Ryzen 5 4500U		<a href="#">11,087</a>	NA
Intel Core i5-11300H @ 3.10GHz		<a href="#">11,014</a>	\$309.00*
AMD Ryzen 3 PRO 4200GE		<a href="#">10,930</a>	NA
Intel Core i7-1185G7 @ 3.00GHz		<a href="#">10,880</a>	\$426.00*
Intel Core i7-9700TE @ 1.80GHz		<a href="#">10,826</a>	\$323.00*
Intel Core i7-1195G7 @ 2.90GHz		<a href="#">10,819</a>	\$426.00*
Intel Core i5-11320H @ 3.20GHz		<a href="#">10,652</a>	\$309.00*
Intel Core i7-11390H @ 3.40GHz		<a href="#">10,641</a>	\$426.00*
Intel Core i7-1165G7 @ 2.80GHz		<a href="#">10,527</a>	\$426.00*
Intel Core i5-1145G7 @ 2.60GHz		<a href="#">10,337</a>	NA
Intel Core i5-1155G7 @ 2.50GHz		<a href="#">10,258</a>	\$309.00*
AMD Ryzen 3 5425U		<a href="#">10,203</a>	NA
AMD Ryzen 3 PRO 4450U		<a href="#">10,158</a>	NA
Intel Core i5-1135G7 @ 2.40GHz		<a href="#">10,093</a>	\$309.00*
Intel Core i7-1068NG7 @ 2.30GHz		<a href="#">10,066</a>	\$426.00*
Intel Core i7-10710U @ 1.10GHz		<a href="#">10,029</a>	\$644.99*
AMD Ryzen 3 5300U		<a href="#">10,024</a>	NA
Intel Core i5-10500TE @ 2.30GHz		<a href="#">9,960</a>	\$195.00*
Intel Core i3-1125G4 @ 2.00GHz		<a href="#">9,910</a>	NA
Intel Core i5-1230U		<a href="#">9,896</a>	\$309.00*
Intel Core i5-1038NG7 @ 2.00GHz		<a href="#">9,639</a>	\$320.00*
Intel Core i7-1160G7 @ 1.20GHz		<a href="#">9,531</a>	\$426.00*
Intel Core i5-9500TE @ 2.20GHz		<a href="#">9,212</a>	\$192.00*
Intel Core i5-1130G7 @ 1.10GHz		<a href="#">9,132</a>	\$309.00*
Intel Core i7-9850HL @ 1.90GHz		<a href="#">9,112</a>	\$395.00*
Intel Core i7-1180G7 @ 1.30GHz		<a href="#">9,066</a>	\$426.00*
Intel Core i5-10400H @ 2.60GHz		<a href="#">8,913</a>	\$250.00*
Intel Core i5-10300H @ 2.50GHz		<a href="#">8,654</a>	\$250.00*
Intel Core i7-8569U @ 2.80GHz		<a href="#">8,636</a>	\$431.00*
Intel Core i5-1035G7 @ 1.20GHz		<a href="#">8,475</a>	\$320.00*
Intel Core i5-10200H @ 2.40GHz		<a href="#">8,391</a>	\$250.00*
Intel Core i5-9400H @ 2.50GHz		<a href="#">8,293</a>	\$250.00*
Intel Core i7-8557U @ 1.70GHz		<a href="#">8,225</a>	\$431.00*
Intel Core i5-1035G4 @ 1.10GHz		<a href="#">8,214</a>	\$309.00*
Intel Core i5-8269U @ 2.60GHz		<a href="#">8,055</a>	\$320.00*
Intel Core i7-10810U @ 1.10GHz		<a href="#">8,022</a>	\$443.00*
Intel Core i5-8279U @ 2.40GHz		<a href="#">7,927</a>	\$320.00*
Intel Core i5-8260U @ 1.60GHz		<a href="#">7,854</a>	\$439.99*
Intel Core i5-8257U @ 1.40GHz		<a href="#">7,677</a>	\$320.00*
AMD Ryzen 7 3780U		<a href="#">7,651</a>	NA
Intel Core i5-1035G1 @ 1.00GHz		<a href="#">7,644</a>	\$297.00*
Intel Core i5-9300HF @ 2.40GHz		<a href="#">7,618</a>	\$250.00*
AMD Ryzen 3 4300U		<a href="#">7,571</a>	NA
Intel Core i3-10100T @ 3.00GHz		<a href="#">7,407</a>	\$122.00*
AMD Ryzen 5 3580U		<a href="#">7,383</a>	NA
AMD Ryzen 7 3700C		<a href="#">7,145</a>	NA
AMD Ryzen 3 PRO 3200GE		<a href="#">7,071</a>	NA
Intel Core i7-1060NG7 @ 1.20GHz		<a href="#">7,057</a>	NA
Intel Core i7-10610U @ 1.80GHz		<a href="#">7,023</a>	\$409.00*

AMD Ryzen 5 PRO 3500U		<a href="#">6,994</a>	<a href="#">NA</a>
Intel Core i7-10510U @ 1.80GHz		<a href="#">6,795</a>	<a href="#">\$409.00*</a>
AMD Ryzen 5 3450U		<a href="#">6,783</a>	<a href="#">NA</a>
Intel Pentium Gold 8505		<a href="#">6,771</a>	<a href="#">NA</a>
Intel Core i5-10310U @ 1.70GHz		<a href="#">6,546</a>	<a href="#">\$297.00*</a>
Intel Core i5-10210U @ 1.60GHz		<a href="#">6,384</a>	<a href="#">\$702.62*</a>
Intel Core i3-1115G4 @ 3.00GHz		<a href="#">6,249</a>	<a href="#">\$281.00*</a>
Intel Core i7-8565UC @ 1.80GHz		<a href="#">6,187</a>	<a href="#">NA</a>
Intel Core i5-1030NG7 @ 1.10GHz		<a href="#">6,132</a>	<a href="#">NA</a>
AMD Ryzen 3 3350U		<a href="#">5,883</a>	<a href="#">NA</a>
AMD Ryzen 3 3300U		<a href="#">5,778</a>	<a href="#">NA</a>
Intel Core i5-7440EQ @ 2.90GHz		<a href="#">5,711</a>	<a href="#">\$250.00*</a>
Intel Core i5-8365UE @ 1.60GHz		<a href="#">5,555</a>	<a href="#">\$297.00*</a>
Intel Pentium Gold 7505 @ 2.00GHz		<a href="#">5,338</a>	<a href="#">NA</a>
AMD Ryzen 5 3500C		<a href="#">5,214</a>	<a href="#">NA</a>
Intel Core i3-1005G1 @ 1.20GHz		<a href="#">5,098</a>	<a href="#">\$281.00*</a>
Intel Core i7-8665UE @ 1.70GHz		<a href="#">5,017</a>	<a href="#">\$409.00*</a>
Intel Core i7-10510Y @ 1.20GHz		<a href="#">5,016</a>	<a href="#">\$403.00*</a>
Intel Core i5-10210Y @ 1.00GHz		<a href="#">4,964</a>	<a href="#">NA</a>
Microsoft ARM SQ1 @ 3.0 GHz		<a href="#">4,829</a>	<a href="#">NA</a>
Intel Core i5-6442EQ @ 1.90GHz		<a href="#">4,598</a>	<a href="#">\$250.00*</a>
Intel Pentium Silver N6005 @ 2.00GHz		<a href="#">4,585</a>	<a href="#">NA</a>
AMD Athlon Silver 3050GE		<a href="#">4,545</a>	<a href="#">NA</a>
Intel Core i3-9100TE @ 2.20GHz		<a href="#">4,501</a>	<a href="#">\$122.00*</a>
Intel Pentium 6805 @ 1.10GHz		<a href="#">4,394</a>	<a href="#">\$161.00*</a>
Intel Core i5-6350HQ @ 2.30GHz		<a href="#">4,255</a>	<a href="#">\$306.00*</a>
Intel Core i3-8140U @ 2.10GHz		<a href="#">4,227</a>	<a href="#">NA</a>
Intel Core i3-8145UE @ 2.20GHz		<a href="#">4,087</a>	<a href="#">\$281.00*</a>
AMD Athlon Gold 3150U		<a href="#">4,025</a>	<a href="#">NA</a>
Intel Core i3-10110U @ 2.10GHz		<a href="#">3,980</a>	<a href="#">\$434.17*</a>
AMD Athlon 300U		<a href="#">3,970</a>	<a href="#">NA</a>
AMD Ryzen 3 3250U		<a href="#">3,969</a>	<a href="#">NA</a>
Intel Core i3-1000NG4 @ 1.10GHz		<a href="#">3,832</a>	<a href="#">NA</a>
Intel Core i5-L16G7 @ 1.40GHz		<a href="#">3,421</a>	<a href="#">\$281.00*</a>
Intel Pentium Silver N5020 @ 1.10GHz		<a href="#">3,404</a>	<a href="#">NA</a>
Intel Core i3-10110Y @ 1.00GHz		<a href="#">3,278</a>	<a href="#">\$287.00*</a>
Intel Celeron N5100 @ 1.10GHz		<a href="#">3,251</a>	<a href="#">NA</a>
AMD Ryzen Embedded R1305G		<a href="#">3,209</a>	<a href="#">NA</a>
AMD Athlon Silver 3050U		<a href="#">3,044</a>	<a href="#">NA</a>
AMD Athlon Silver 3050e		<a href="#">2,955</a>	<a href="#">NA</a>
AMD Ryzen 3 3250C		<a href="#">2,917</a>	<a href="#">NA</a>
AMD 3015e		<a href="#">2,720</a>	<a href="#">NA</a>
AMD A6-9400		<a href="#">2,717</a>	<a href="#">NA</a>
Intel Pentium Silver N5030 @ 1.10GHz		<a href="#">2,712</a>	<a href="#">NA</a>
Intel Celeron 7305		<a href="#">2,665</a>	<a href="#">\$107.00*</a>
Intel Celeron N4120 @ 1.10GHz		<a href="#">2,522</a>	<a href="#">NA</a>
AMD 3020e		<a href="#">2,476</a>	<a href="#">NA</a>
Intel Pentium 6405U @ 2.40GHz		<a href="#">2,364</a>	<a href="#">\$161.00*</a>
Intel Core i3-6102E @ 1.90GHz		<a href="#">2,349</a>	<a href="#">\$225.00*</a>
Intel Celeron 6305 @ 1.80GHz		<a href="#">2,157</a>	<a href="#">NA</a>
Intel Celeron 4305UE @ 2.00GHz		<a href="#">1,876</a>	<a href="#">NA</a>

Intel Pentium 4425Y @ 1.70GHz		<a href="#">1,717</a>	<a href="#">\$161.00*</a>
Intel Celeron N4000C @ 1.10GHz		<a href="#">1,611</a>	<a href="#">NA</a>
Intel Celeron N4020 @ 1.10GHz		<a href="#">1,568</a>	<a href="#">NA</a>
Intel Celeron 5205U @ 1.90GHz		<a href="#">1,414</a>	<a href="#">\$107.00*</a>
Intel Celeron 1020M @ 2.10GHz		<a href="#">1,275</a>	<a href="#">NA</a>
Intel Pentium A1020 @ 2.41GHz		<a href="#">1,265</a>	<a href="#">NA</a>
AMD R-272F APU		<a href="#">1,215</a>	<a href="#">NA</a>
AMD PRO A4-4350B		<a href="#">1,162</a>	<a href="#">NA</a>
AMD A4-9120C		<a href="#">867</a>	<a href="#">NA</a>