

PassMark - CPU Mark

Laptop & Portable CPU Performance

Updated 30th of August 2022

| CPU | CPU Mark | Price (USD) |
|--|------------------------|---------------------------|
| Intel Core i7-12800HX | 36,723 | \$457.00* |
| Intel Core i9-12900HX | 35,428 | \$606.00* |
| Intel Core i9-12950HX | 34,603 | \$590.00* |
| Intel Core i7-12850HX | 31,076 | \$428.00* |
| Intel Core i9-12900HK | 29,596 | \$635.00* |
| Intel Core i9-12900H | 29,004 | \$617.00* |
| Intel Core i7-12700H | 27,013 | \$457.00* |
| AMD Ryzen 9 6900HX | 24,801 | NA |
| Intel Core i5-12600HX | 24,689 | \$284.00* |
| Intel Core i7-12650H | 24,616 | \$457.00* |
| AMD Ryzen 9 PRO 6950H | 24,464 | NA |
| AMD Ryzen 7 PRO 6850H | 24,325 | NA |
| AMD Ryzen 9 6900HS | 24,277 | NA |
| Intel Core i7-12800H | 24,022 | \$457.00* |
| AMD Ryzen 9 PRO 6950HS | 23,843 | NA |
| Intel Core i9-11980HK @ 2.60GHz | 23,447 | \$583.00* |
| AMD Ryzen 7 6800HS Creator Edition | 23,418 | NA |
| AMD Ryzen 7 6800HS | 23,416 | NA |
| Intel Xeon W-11955M @ 2.60GHz | 23,346 | \$623.00* |
| AMD Ryzen 7 6800H | 23,332 | NA |
| AMD Ryzen 9 5900HX | 23,031 | NA |

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| AMD Ryzen 9 4900H | 19,305 | NA |
| AMD Ryzen 7 4800H | 18,959 | NA |
| AMD Ryzen 7 5800U | 18,851 | NA |
| AMD Ryzen 7 4800HS | 18,821 | NA |
| Intel Xeon W-11855M @ 3.20GHz | 18,604 | \$450.00* |
| Intel Core i7-1270P | 18,467 | NA |
| Intel Core i5-12450H | 18,404 | \$311.00* |
| AMD Ryzen 7 5825U | 18,329 | NA |
| AMD Ryzen 7 Extreme Edition | 18,192 | NA |
| Intel Core i3-1220P | 18,058 | \$281.00* |
| AMD Ryzen 7 PRO 5850U | 17,340 | NA |
| Apple M1 Pro 8 Core 3200 MHz | 17,313 | NA |
| Intel Core i7-1260P | 17,268 | NA |
| AMD Ryzen 5 6600U | 17,257 | NA |
| Intel Core i5-1240P | 17,240 | NA |
| AMD Ryzen 5 5600H | 17,110 | NA |
| AMD Ryzen 5 5560U | 17,084 | NA |
| AMD Ryzen 5 PRO 6650U | 17,032 | NA |
| AMD Ryzen 7 4800U | 17,018 | NA |
| Intel Core i5-12500TE | 16,865 | \$205.00* |
| AMD Ryzen 7 PRO 5875U | 16,861 | NA |
| Intel Core i7-10700TE @ 2.00GHz | 16,332 | \$330.00* |
| Intel Core i7-10700E @ 2.90GHz | 16,257 | \$330.00* |
| Intel Core i5-11500H @ 2.90GHz | 16,133 | \$250.00* |
| Intel Core i9-10980HK @ 2.40GHz | 16,089 | \$583.00* |

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| AMD Ryzen 5 5500U | 13,170 | NA |
| Intel Core i3-12100TE | 12,961 | \$125.00* |
| Intel Xeon W-10855M @ 2.80GHz | 12,906 | \$450.00* |
| AMD Ryzen 5 PRO 4650U | 12,836 | NA |
| Intel Core i7-11375H @ 3.30GHz | 12,319 | \$482.00* |
| Intel Core i7-10750H @ 2.60GHz | 12,261 | NA |
| Intel Core i7-10850H @ 2.70GHz | 12,148 | \$395.00* |
| Intel Core i3-1210U | 12,130 | NA |
| AMD Ryzen 3 PRO 5475U | 12,074 | NA |
| AMD Ryzen 5 PRO 4500U | 12,049 | NA |
| Intel Core i7-11370H @ 3.30GHz | 11,943 | \$426.00* |
| AMD Ryzen 3 5400U | 11,828 | NA |
| Intel Core i5-10500H @ 2.50GHz | 11,619 | \$250.00* |
| Intel Core i3-1215U | 11,618 | NA |
| AMD Ryzen 3 PRO 5450U | 11,563 | NA |
| Intel Core i7-9750HF @ 2.60GHz | 11,159 | \$395.00* |
| AMD Ryzen 5 4500U | 11,070 | NA |
| Intel Core i5-11300H @ 3.10GHz | 11,039 | \$309.00* |
| Intel Core i7-1195G7 @ 2.90GHz | 10,960 | \$426.00* |
| AMD Ryzen 3 PRO 4200GE | 10,930 | NA |
| Intel Core i7-9700TE @ 1.80GHz | 10,826 | \$323.00* |
| Intel Core i7-1185G7 @ 3.00GHz | 10,811 | \$426.00* |
| Intel Core i5-11320H @ 3.20GHz | 10,685 | \$309.00* |
| Intel Core i7-11390H @ 3.40GHz | 10,659 | \$426.00* |
| Intel Core i7-1165G7 @ 2.80GHz | 10,500 | \$426.00* |

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| Intel Core i5-1035G4 @ 1.10GHz | 8,129 | \$309.00* |
| AMD Athlon Gold PRO 4150GE | 8,070 | NA |
| Intel Core i5-8269U @ 2.60GHz | 8,055 | \$320.00* |
| Intel Core i7-10810U @ 1.10GHz | 7,984 | \$443.00* |
| Intel Core i5-8260U @ 1.60GHz | 7,854 | \$439.99* |
| Intel Core i5-8279U @ 2.40GHz | 7,753 | \$320.00* |
| Intel Core i5-8257U @ 1.40GHz | 7,666 | \$320.00* |
| AMD Ryzen 7 3780U | 7,651 | NA |
| Intel Core i5-9300HF @ 2.40GHz | 7,615 | \$250.00* |
| Intel Core i5-1035G1 @ 1.00GHz | 7,598 | \$297.00* |
| AMD Ryzen 3 4300U | 7,565 | NA |
| AMD Ryzen 5 3580U | 7,383 | NA |
| Intel Core i3-10100T @ 3.00GHz | 7,376 | \$122.00* |
| AMD Ryzen 7 3700C | 7,145 | NA |
| Intel Core i7-10610U @ 1.80GHz | 7,036 | \$409.00* |
| Intel Core i7-1060NG7 @ 1.20GHz | 6,993 | NA |
| AMD Ryzen 5 3450U | 6,794 | NA |
| Intel Core i7-10510U @ 1.80GHz | 6,788 | \$409.00* |
| Intel Pentium Gold 8505 | 6,771 | NA |
| Intel Core i5-10310U @ 1.70GHz | 6,527 | \$297.00* |
| Intel Core i5-10210U @ 1.60GHz | 6,361 | \$702.62* |
| Intel Core i3-1115G4 @ 3.00GHz | 6,241 | \$281.00* |
| Intel Core i7-8565UC @ 1.80GHz | 6,187 | NA |
| Intel Core i5-1030NG7 @ 1.10GHz | 6,055 | NA |
| AMD Ryzen 3 3350U | 5,889 | NA |

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| AMD Athlon Gold 3150C | 3,205 | NA |
| AMD Ryzen Embedded R1305G | 3,109 | NA |
| AMD Ryzen 3 3250C | 3,044 | NA |
| AMD Athlon Silver 3050U | 3,042 | NA |
| AMD Athlon Silver 3050e | 2,952 | NA |
| AMD 3015e | 2,720 | NA |
| AMD A6-9400 | 2,717 | NA |
| Intel Pentium Silver N5030 @ 1.10GHz | 2,685 | NA |
| Intel Celeron 7305 | 2,665 | \$107.00* |
| Intel Celeron N4120 @ 1.10GHz | 2,512 | NA |
| AMD 3020e | 2,467 | NA |
| Intel Pentium 6405U @ 2.40GHz | 2,370 | \$161.00* |
| Intel Celeron 6305 @ 1.80GHz | 2,154 | NA |
| Intel Celeron 4305UE @ 2.00GHz | 1,876 | NA |
| Intel Pentium 4425Y @ 1.70GHz | 1,732 | \$161.00* |
| Intel Celeron N4020C @ 1.10GHz | 1,652 | NA |
| Intel Celeron N4020 @ 1.10GHz | 1,571 | NA |
| Intel Celeron 5205U @ 1.90GHz | 1,448 | \$107.00* |
| Intel Celeron N4000C @ 1.10GHz | 1,360 | NA |
| Intel Pentium A1020 @ 2.41GHz | 1,290 | NA |
| Intel Celeron 1020M @ 2.10GHz | 1,275 | NA |
| AMD R-272F APU | 1,215 | NA |
| AMD PRO A4-4350B | 1,106 | NA |
| Intel Pentium Dual T2390 @ 1.86GHz | 745 | NA |