

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

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.



Coraltravel

| | | |
|-----------------|------------------------|----------|
| Grecja, Kreta | KAVROS BEACH HOTEL *** | 2 255 zł |
| Tunezja, Sousse | MARHABA PALACE ***** | 2 705 zł |
| Turcja, Alanya | KRIZANTEM HOTEL **** | 1 957 zł |

CPU Mark

Price Performance

Sorted by Date

PassMark - CPU Mark

Laptop & Portable CPU Performance

Updated 10th of June 2022

| CPU | CPU Mark | Price (USD) |
|---------------------------------------|--------------------|-------------|
| Intel Core i9-12950HX | <div></div> 39,136 | \$590.00* |
| Intel Core i9-12900H | <div></div> 29,618 | \$617.00* |
| Intel Core i9-12900HK | <div></div> 28,835 | \$635.00* |
| Intel Core i7-12700H | <div></div> 27,452 | \$457.00* |
| Intel Core i7-12650H | <div></div> 25,502 | \$457.00* |
| AMD Ryzen 9 6900HX | <div></div> 24,855 | NA |
| AMD Ryzen 7 6800HS | <div></div> 24,845 | NA |
| AMD Ryzen 7 PRO 6850U | <div></div> 24,352 | NA |
| AMD Ryzen 9 6900HS | <div></div> 24,340 | NA |
| AMD Ryzen 7 6800H | <div></div> 23,674 | NA |

| | | | |
|------------------------------------|--|--------|-----------|
| Intel Xeon W-11955M @ 2.60GHz | | 23,459 | \$623.00* |
| Intel Core i5-12500H | | 23,156 | \$311.00* |
| CPU Benchmarks | | | |
| AMD Ryzen 7 PRO 6850HS | | 22,879 | NA |
| Intel Core i7-12800H | | 22,799 | \$457.00* |
| Intel Core i9-11950H @ 2.60GHz | | 22,575 | \$556.00* |
| Apple M1 Max 10 Core 3200 MHz | | 22,498 | NA |
| Apple M1 Pro 10 Core 3200 MHz | | 22,239 | NA |
| AMD Ryzen 9 5900HS | | 22,181 | NA |
| Intel Core i5-1250P | | 22,148 | NA |
| AMD Ryzen 9 5980HS | | 21,491 | NA |
| AMD Ryzen 7 5800H | | 21,420 | NA |
| Intel Core i7-11800H @ 2.30GHz | | 21,282 | \$395.00* |
| Intel Core i7-11850H @ 2.50GHz | | 21,194 | \$395.00* |
| Intel Core i9-11900H @ 2.50GHz | | 21,186 | \$546.00* |
| AMD Ryzen 9 5900H | | 20,960 | NA |
| AMD Ryzen 7 5800HS Creator Edition | | 20,948 | NA |
| AMD Ryzen 7 5800HS | | 20,724 | NA |
| Intel Core i7-1280P | | 20,117 | \$482.00* |
| Intel Core i5-12450H | | 19,820 | \$311.00* |
| Intel Core i5-12600H | | 19,769 | \$311.00* |
| Intel Core i7-1270P | | 19,578 | NA |
| AMD Ryzen 7 PRO 5875U | | 19,576 | NA |
| AMD Ryzen 9 4900HS | | 19,401 | NA |
| AMD Ryzen 9 4900H | | 19,335 | NA |
| AMD Ryzen 7 4800H | | 19,015 | NA |
| Intel Xeon W-11855M @ 3.20GHz | | 18,901 | \$450.00* |
| AMD Ryzen 7 5800U | | 18,899 | NA |
| AMD Ryzen 7 4800HS | | 18,836 | NA |
| Intel Core i5-1240P | | 18,736 | NA |
| AMD Ryzen 5 PRO 6650U | | 18,649 | NA |
| AMD Ryzen 7 5825U | | 18,425 | NA |
| Intel Core i3-1220P | | 18,329 | \$281.00* |
| AMD Ryzen 7 Extreme Edition | | 18,209 | NA |
| AMD Ryzen 7 PRO 5850U | | 17,511 | NA |
| Apple M1 Pro 8 Core 3200 MHz | | 17,419 | NA |
| AMD Ryzen 5 5600H | | 17,193 | NA |
| Intel Core i7-1260P | | 17,154 | NA |
| AMD Ryzen 7 4800U | | 17,054 | 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 | | 16,233 | \$250.00* |
| Intel Core i9-10980HK @ 2.40GHz | | 16,156 | \$583.00* |
| Intel Core i5-11400H @ 2.70GHz | | 16,076 | \$250.00* |
| Intel Xeon W-10885M @ 2.40GHz | | 16,068 | \$623.00* |
| AMD Ryzen 7 5700U | | 16,054 | NA |
| AMD Ryzen 7 4850U Mobile | | 15,920 | NA |














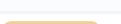
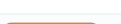
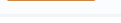
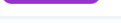
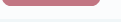
















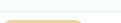
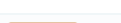
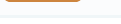
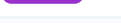







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|-----------------------|--|--------|-----------|
| AMD Ryzen 7 PRO 4750U | | 15,476 | NA |
| Intel Core i5-1235U | | 15,460 | \$309.00* |


CPU Benchmarks

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|---------------------------------|--|--------|-------------|
| AMD Ryzen 5 5600U | | 15,343 | NA |
| Intel Xeon E-2286M @ 2.40GHz | | 15,253 | \$1,373.18* |
| AMD Ryzen 5 PRO 5650U | | 15,224 | NA |
| AMD Ryzen 5 5625U | | 15,005 | NA |
| Intel Core i5-11260H @ 2.60GHz | | 14,998 | \$250.00* |
| Intel Core i7-10870H @ 2.20GHz | | 14,988 | \$417.00* |
| AMD Ryzen 5 PRO 4400GE | | 14,795 | NA |
| AMD Ryzen 5 4600HS | | 14,735 | NA |
| Intel Core i9-10880H @ 2.30GHz | | 14,735 | NA |
| AMD Ryzen 5 4600H | | 14,724 | NA |
| Apple M1 8 Core 3200 MHz | | 14,651 | NA |
| AMD Ryzen 7 4700U | | 13,619 | NA |
| AMD Ryzen 5 4600U | | 13,438 | NA |
| AMD Ryzen 5 PRO 5675U | | 13,347 | NA |
| AMD Ryzen 5 5500U | | 13,192 | NA |
| Intel Core i3-1215U | | 12,988 | NA |
| Intel Xeon W-10855M @ 2.80GHz | | 12,955 | \$450.00* |
| AMD Ryzen 5 PRO 4650U | | 12,838 | NA |
| Intel Core i7-1255U | | 12,769 | \$426.00* |
| Intel Core i7-1265U | | 12,470 | \$426.00* |
| Intel Core i7-10750H @ 2.60GHz | | 12,332 | NA |
| AMD Ryzen 3 PRO 5475U | | 12,266 | NA |
| Intel Core i7-11375H @ 3.30GHz | | 12,258 | \$482.00* |
| Intel Core i7-10850H @ 2.70GHz | | 12,125 | \$395.00* |
| AMD Ryzen 5 PRO 4500U | | 12,049 | NA |
| Intel Core i7-11370H @ 3.30GHz | | 12,035 | \$426.00* |
| AMD Ryzen 3 5400U | | 11,839 | NA |
| Intel Xeon E-2276M @ 2.80GHz | | 11,818 | \$450.00* |
| Intel Core i5-10500H @ 2.50GHz | | 11,604 | \$250.00* |
| Intel Core i7-9850H @ 2.60GHz | | 11,502 | \$1,305.76* |
| AMD Ryzen 3 PRO 5450U | | 11,286 | NA |
| Intel Core i7-9750HF @ 2.60GHz | | 11,255 | \$395.00* |
| Intel Core i7-1185G7E @ 2.80GHz | | 11,114 | \$431.00* |
| AMD Ryzen 5 4500U | | 11,094 | NA |
| Intel Core i5-11300H @ 3.10GHz | | 11,003 | \$309.00* |
| AMD Ryzen 3 PRO 4200GE | | 10,930 | NA |
| Intel Core i7-1185G7 @ 3.00GHz | | 10,885 | \$426.00* |
| Intel Core i7-1195G7 @ 2.90GHz | | 10,843 | \$426.00* |
| Intel Core i7-9700TE @ 1.80GHz | | 10,826 | \$323.00* |
| Intel Core i7-11390H @ 3.40GHz | | 10,718 | \$426.00* |
| Intel Core i5-11320H @ 3.20GHz | | 10,660 | \$309.00* |
| Intel Core i7-1165G7 @ 2.80GHz | | 10,546 | \$426.00* |
| Intel Core i5-1145G7 @ 2.60GHz | | 10,413 | NA |
| Intel Core i5-1155G7 @ 2.50GHz | | 10,246 | \$309.00* |

| | | | |
|--------------------------------|---|--------|-----------|
| Intel Core i5-1135G7 @ 2.40GHz |  | 10,091 | \$309.00* |
| Intel Core i7-10710U @ 1.10GHz |  | 10,081 | \$644.99* |

CPU Benchmarks ▼

| | | | |
|---------------------------------|---|-------|-----------|
| AMD Ryzen 3 5425U |  | 9,989 | NA |
| Intel Core i5-10500TE @ 2.30GHz |  | 9,960 | \$195.00* |
| Intel Core i3-1125G4 @ 2.00GHz |  | 9,929 | NA |
| Intel Core i5-1038NG7 @ 2.00GHz |  | 9,637 | \$320.00* |
| Intel Core i7-1160G7 @ 1.20GHz |  | 9,531 | \$426.00* |
| Intel Core i5-1130G7 @ 1.10GHz |  | 9,247 | \$309.00* |
| Intel Core i5-9500TE @ 2.20GHz |  | 9,212 | \$192.00* |
| Intel Core i7-9850HL @ 1.90GHz |  | 9,112 | \$395.00* |
| Intel Core i7-1180G7 @ 1.30GHz |  | 9,066 | \$426.00* |
| Intel Core i5-10400H @ 2.60GHz |  | 8,938 | \$250.00* |
| Intel Core i5-10300H @ 2.50GHz |  | 8,665 | \$250.00* |
| Intel Core i7-8569U @ 2.80GHz |  | 8,523 | \$431.00* |
| Intel Core i5-1035G7 @ 1.20GHz |  | 8,515 | \$320.00* |
| Intel Core i5-10200H @ 2.40GHz |  | 8,409 | \$250.00* |
| Intel Core i5-9400H @ 2.50GHz |  | 8,293 | \$250.00* |
| Intel Core i5-1035G4 @ 1.10GHz |  | 8,230 | \$309.00* |
| Intel Core i7-8557U @ 1.70GHz |  | 8,225 | \$431.00* |
| Intel Core i7-10810U @ 1.10GHz |  | 8,211 | \$443.00* |
| Intel Core i5-8269U @ 2.60GHz |  | 8,055 | \$320.00* |
| Intel Core i5-8279U @ 2.40GHz |  | 7,946 | \$320.00* |
| Intel Core i5-8260U @ 1.60GHz |  | 7,854 | \$439.99* |
| Intel Core i5-8257U @ 1.40GHz |  | 7,685 | \$320.00* |
| Intel Core i5-1035G1 @ 1.00GHz |  | 7,685 | \$297.00* |
| AMD Ryzen 7 3780U |  | 7,651 | NA |
| Intel Core i5-9300HF @ 2.40GHz |  | 7,629 | \$250.00* |
| AMD Ryzen 3 4300U |  | 7,571 | NA |
| AMD Ryzen 5 3580U |  | 7,520 | NA |
| Intel Core i3-10100T @ 3.00GHz |  | 7,407 | \$122.00* |
| AMD Ryzen 7 3700C |  | 7,145 | NA |
| AMD Ryzen 3 PRO 3200GE |  | 7,071 | NA |
| Intel Core i7-1060NG7 @ 1.20GHz |  | 7,057 | NA |
| Intel Core i7-10610U @ 1.80GHz |  | 7,048 | \$409.00* |
| AMD Ryzen 5 PRO 3500U |  | 6,983 | NA |
| AMD Ryzen 5 3450U |  | 6,821 | NA |
| Intel Core i7-10510U @ 1.80GHz |  | 6,804 | \$409.00* |
| Intel Pentium Gold 8505 |  | 6,771 | NA |
| Intel Core i5-10310U @ 1.70GHz |  | 6,542 | \$297.00* |
| Intel Core i5-10210U @ 1.60GHz |  | 6,378 | \$702.62* |
| Intel Core i3-1115G4 @ 3.00GHz |  | 6,261 | \$281.00* |
| Intel Core i7-8565UC @ 1.80GHz |  | 6,187 | NA |
| Intel Core i5-1030NG7 @ 1.10GHz |  | 6,101 | NA |
| AMD Ryzen 3 3350U |  | 5,920 | NA |
| AMD Ryzen 3 3300U |  | 5,778 | NA |
| Intel Core i5-7440EQ @ 2.90GHz |  | 5,711 | \$250.00* |
| Intel Core i5-8259U @ 2.30GHz |  | 5,555 | \$227.00* |

| | | | |
|--|---|-------|-----------|
| AMD Ryzen 5 3500C |  | 5,214 | NA |
| Intel Core i3-1005G1 @ 1.20GHz |  | 5,119 | \$281.00* |
| <div>  CPU Benchmarks  </div> | | | |
| Intel Core i7-10510Y @ 1.20GHz |  | 5,016 | \$403.00* |
| Intel Core i5-10210Y @ 1.00GHz |  | 4,964 | NA |
| Intel Pentium Silver N6005 @ 2.00GHz |  | 4,676 | NA |
| Microsoft ARM SQ1 @ 3.0 GHz |  | 4,625 | NA |
| 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 Pentium 6805 @ 1.10GHz |  | 4,394 | \$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 |  | 4,023 | NA |
| Intel Core i3-10110U @ 2.10GHz |  | 3,994 | \$434.17* |
| AMD Ryzen 3 3250U |  | 3,972 | NA |
| AMD Ryzen Embedded R1505G |  | 3,966 | NA |
| AMD Athlon 300U |  | 3,959 | NA |
| Intel Core i3-1000NG4 @ 1.10GHz |  | 3,821 | NA |
| Intel Core i5-L16G7 @ 1.40GHz |  | 3,421 | \$281.00* |
| Intel Pentium Silver N5020 @ 1.10GHz |  | 3,404 | NA |
| Intel Core i3-10110Y @ 1.00GHz |  | 3,278 | \$287.00* |
| AMD Ryzen Embedded R1305G |  | 3,209 | NA |
| Intel Celeron N5100 @ 1.10GHz |  | 3,192 | NA |
| AMD Athlon Silver 3050U |  | 3,046 | NA |
| AMD Athlon Silver 3050e |  | 2,966 | NA |
| AMD Ryzen 3 3250C |  | 2,917 | NA |
| AMD 3015e |  | 2,720 | NA |
| AMD A6-9400 |  | 2,717 | NA |
| Intel Pentium Silver N5030 @ 1.10GHz |  | 2,715 | NA |
| Intel Celeron 7305 |  | 2,665 | \$107.00* |
| Intel Celeron N4120 @ 1.10GHz |  | 2,516 | NA |
| AMD 3020e |  | 2,476 | NA |
| Intel Pentium 6405U @ 2.40GHz |  | 2,364 | \$161.00* |
| Intel Core i3-6102E @ 1.90GHz |  | 2,349 | \$225.00* |
| Intel Celeron 6305 @ 1.80GHz |  | 2,163 | NA |
| Intel Celeron 4305UE @ 2.00GHz |  | 1,876 | NA |
| Intel Pentium 4425Y @ 1.70GHz |  | 1,713 | \$161.00* |
| Intel Celeron N4000C @ 1.10GHz |  | 1,611 | NA |
| Intel Celeron N4020 @ 1.10GHz |  | 1,573 | NA |
| Intel Celeron 5205U @ 1.90GHz |  | 1,414 | \$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 PRO A4-4350B |  | 1,153 | NA |
| AMD A4-9120C |  | 867 | NA |

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