

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

CPU List

Below is an alphabetical list of all CPU types that appear in the charts. Clicking on a specific processor name will take you to the chart it appears in and will highlight it for you. Results below are for [Single CPU Systems](#) only. For [Multiple CPU Systems](#), results can be found on the CPU Mega List page.

 Find CPU

Single CPU Systems

Last updated on the 11th of May 2023

CPUS

High End

- High Mid Range
- Low Mid Range
- Low End

Best Value (On Market)

- Best Value XY Scatter
- Best Value (All time)

New Desktop

- New Laptop

Column

| CPU Name | CPU Mark (higher is better) |
|---|-----------------------------|
| AMD EPYC 9654 | 126,045 |
| AMD EPYC 9474F | 99,068 |
| AMD Ryzen Threadripper PRO 5995WX | 96,614 |
| AMD EPYC 7773X | 90,731 |
| AMD EPYC 7763 | 85,915 |
| AMD EPYC 7J13 | 85,661 |
| AMD EPYC 7713 | 85,165 |
| AMD EPYC 7713P | 83,439 |
| AMD Ryzen Threadripper PRO 3995WX | 83,336 |
| AMD EPYC 7V13 | 82,878 |
| AMD Ryzen Threadripper 3990X | 81,103 |
| AMD EPYC 9354P | 79,341 |
| AMD EPYC 7B13 | 77,460 |
| AMD EPYC 7643 | 76,455 |
| AMD Ryzen Threadripper PRO 5975WX | 76,051 |

 **Single Thread**

Systems with

| CPU Name | CPU Mark (higher is better) |
|---------------|--------------------------------|
| AMD EPYC 7T83 | 74,892 |

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Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

Power Performance

CPU Mark by Socket Type


Cross-Platform CPU Performance

Top Gaming CPUs

| | |
|--|--------|
| Intel Xeon w9-3475X | 70,850 |
| AMD EPYC 7702 | 70,618 |
| AMD EPYC 75F3 | 68,505 |
| AMD EPYC 7543P | 67,081 |
| AMD Ryzen Threadripper PRO 5965WX | 66,524 |
| AMD EPYC 7742 | 65,629 |
| AMD EPYC 7R32 | 64,727 |
| AMD Ryzen 9 7950X3D | 63,932 |
| AMD Ryzen 9 7950X | 63,638 |
| AMD Ryzen Threadripper 3970X | 63,436 |
| AMD Ryzen Threadripper PRO 3975WX | 62,986 |
| Intel Core i9-13900KS | 62,584 |
| Intel Xeon Platinum 8380 @ 2.30GHz | 62,318 |
| AMD EPYC 7702P | 62,007 |
| AMD EPYC 7642 | 61,573 |
| Intel Xeon w7-2495X | 60,922 |
| AMD EPYC 74F3 | 60,577 |
| Intel Core i9-13900K | 60,028 |
| AMD EPYC 7513 | 59,988 |
| Intel Core i9-13900KF | 59,581 |
| Intel Xeon W-3375 @ 2.50GHz | 59,069 |
| Intel Xeon W-3365 @ 2.70GHz | 59,038 |
| AMD Ryzen 9 7945HX | 58,501 |
| AMD EPYC 7443P | 57,685 |
| Intel Xeon Gold 5420+ | 57,593 |
| Intel Xeon Gold 6414U | 57,200 |
| AMD EPYC 7542 | 56,728 |
| AMD EPYC 7543 | 56,562 |
| AMD Ryzen Threadripper 3960X | 54,814 |
| AMD EPYC 7532 | 54,670 |
| Intel Xeon Platinum 8358 @ 2.60GHz | 54,416 |
| AMD EPYC 7443 | 53,770 |

 **CPU Mega List**
[Search Model](#)

 **Compare** ⁰

 **Common Most Benchmarked**

 **AMD vs Intel Market Share**
Year on Year Performance

| CPU Name | CPU Mark (higher is better) |
|-------------------|--------------------------------|
| AMD Ryzen 9 7900X | 52,458 |

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| | |
|---|--------|
| Intel Xeon Platinum 8375C @ 2.90GHz | 51,836 |
| AMD Ryzen 9 7900X3D | 51,317 |
| Intel Core i9-13900F | 51,018 |
| Intel Xeon Gold 6314U @ 2.30GHz | 51,014 |
| AMD EPYC 7413 | 50,223 |
| AMD EPYC 7453 | 50,209 |
| Intel Core i9-13900 | 49,972 |
| AMD EPYC 7502P | 49,748 |
| AMD Ryzen Threadripper PRO 5955WX | 49,388 |
| Intel Xeon Platinum 8347C @ 2.10GHz | 49,386 |
| AMD Ryzen 9 7900 | 49,345 |
| AMD EPYC 7502 | 49,178 |
| Intel Core i9-13980HX | 49,114 |
| AMD EPYC 7R12 | 48,934 |
| Intel Xeon W-3345 @ 3.00GHz | 48,261 |
| AMD EPYC 7402 | 47,668 |
| Intel Xeon Gold 6342 @ 2.80GHz | 47,320 |
| Intel Core i7-13700K | 47,018 |
| AMD Ryzen 9 7845HX | 46,878 |
| Intel Core i7-13700KF | 46,807 |
| Intel Xeon Gold 6338N @ 2.20GHz | 46,583 |
| ARM Neoverse-N1 128 Core 3000 MHz | 46,271 |
| Intel Core i9-13900HX | 46,154 |
| AMD EPYC 73F3 | 46,085 |
| AMD Ryzen 9 5950X | 45,916 |
| AMD EPYC 7343 | 45,908 |
| Intel Xeon Gold 6336Y @ 2.40GHz | 45,517 |
| Intel Core i9-13900T | 45,434 |
| Intel Xeon W-3275 @ 2.50GHz | 44,820 |
| Intel Core i9-13950HX | 44,435 |
| Intel Core i9-12900KS | 44,358 |
| Intel Xeon Gold 6312U @ 2.40GHz | 43,710 |

| CPU Name | CPU Mark (higher is better) |
|-----------------------------------|--------------------------------|
| ARM Neoverse-N1 128 Core 2800 MHz | 43,111 |

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| | |
|--|--------|
| AMD EPYC 7402P | 42,245 |
| AMD EPYC 7601 | 42,244 |
| AMD EPYC 7313P | 42,057 |
| Intel Core i7-13700F | 42,026 |
| AMD EPYC 7452 | 41,871 |
| Intel Core i9-12900K | 41,593 |
| Intel Xeon Gold 6354 @ 3.00GHz | 41,445 |
| Intel Core i9-12900KF | 41,414 |
| AMD EPYC 7352 | 41,281 |
| AMD EPYC 7F52 | 41,023 |
| Apple M1 Ultra 20 Core | 40,949 |
| Intel Xeon Platinum 8275CL @ 3.00GHz | 40,794 |
| AMD Ryzen Threadripper PRO 5945WX | 40,785 |
| AMD EPYC 7313 | 40,605 |
| AMD EPYC 7K62 | 40,487 |
| AMD EPYC 7D12 | 40,459 |
| AMD Ryzen Threadripper PRO 3955WX | 40,274 |
| AMD EPYC 7551P | 40,146 |
| Intel Xeon W-3275M @ 2.50GHz | 39,979 |
| Intel Xeon W-3335 @ 3.40GHz | 39,317 |
| AMD Ryzen 9 5900X | 39,306 |
| Intel Core i7-13700 | 39,155 |
| AMD Ryzen 9 3950X | 38,982 |
| Intel Xeon Gold 6248R @ 3.00GHz | 38,604 |
| Intel Core i5-13600K | 38,515 |
| Intel Core i5-13600KF | 38,400 |
| Intel Core i7-13700T | 37,790 |
| Intel Xeon Gold 6346 @ 3.10GHz | 37,722 |
| Intel Xeon Gold 5320 @ 2.20GHz | 37,558 |
| Intel Xeon Gold 6238R @ 2.20GHz | 37,511 |
| Intel Core i7-13850HX | 37,319 |
| Intel Core i9-12900F | 37,273 |

| CPU Name | CPU Mark (higher is better) |
|----------------------------------|--------------------------------|
| Intel Xeon Silver 4316 @ 2.30GHz | 37,264 |

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| | |
|--|--------|
| AMD Ryzen 7 7700X | 36,558 |
| ARM Neoverse-N1 80 Core 3000 MHz | 36,400 |
| Intel Xeon Gold 5416S | 36,391 |
| AMD Ryzen 7 7700 | 35,624 |
| Intel Core i7-13700HX | 35,618 |
| Intel Core i9-12900HX | 35,480 |
| Intel Xeon Gold 6326 @ 2.90GHz | 35,224 |
| Intel Xeon Platinum 8180 @ 2.50GHz | 35,208 |
| AMD Ryzen 7 7745HX | 35,207 |
| AMD Ryzen 7 7800X3D | 35,088 |
| Intel Xeon Gold 6242R @ 3.10GHz | 34,963 |
| Intel Core i7-12700K | 34,799 |
| AMD Ryzen 9 PRO 5945 | 34,732 |
| Intel Core i9-12900 | 34,708 |
| Intel Core i7-12700KF | 34,611 |
| AMD Ryzen 9 5900 | 34,588 |
| Intel Xeon Gold 6230R @ 2.10GHz | 34,183 |
| Intel Core i5-13600 | 33,998 |
| Intel Xeon Platinum 8260M @ 2.30GHz | 33,970 |
| Intel Xeon D-2799 @ 2.40GHz | 33,792 |
| AMD Ryzen Threadripper PRO 3945WX | 33,448 |
| Intel Core i7-12800HX | 33,427 |
| Intel Xeon Gold 5220R @ 2.20GHz | 33,370 |
| Intel Xeon Gold 5318Y @ 2.10GHz | 33,283 |
| Intel Xeon Platinum 8259CL @ 2.50GHz | 33,279 |
| Intel Core i9-12950HX | 33,072 |
| Intel Core i9-10980XE @ 3.00GHz | 32,979 |
| Intel Xeon Gold 6278C @ 2.60GHz | 32,835 |
| AMD Ryzen 9 3900XT | 32,791 |
| Intel Xeon Platinum 8280 @ 2.70GHz | 32,781 |
| AMD Ryzen 9 3900X | 32,728 |
| Intel Core i5-13500 | 32,707 |

| CPU Name | CPU Mark (higher is better) |
|---------------|--------------------------------|
| AMD EPYC 7302 | 32,691 |

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| | |
|---|--------|
| Intel Xeon Platinum 8168 @ 2.70GHz | 32,606 |
| Intel Core i7-13650HX | 32,551 |
| AMD Ryzen Threadripper 2990WX | 32,129 |
| Intel Core i9-9980XE @ 3.00GHz | 32,048 |
| Intel Xeon W-3265M @ 2.70GHz | 32,025 |
| Intel Xeon Platinum 8173M @ 2.00GHz | 31,837 |
| Intel Xeon Platinum 8268 @ 2.90GHz | 31,632 |
| Intel Core i9-12900E | 31,530 |
| Intel Core i9-12900T | 31,515 |
| Intel Core i5-13600HX | 31,439 |
| Intel Core i9-13900H | 31,371 |
| AMD Ryzen 9 PRO 3900 | 31,337 |
| Intel Core i7-12700F | 31,203 |
| Intel Core i7-12700 | 31,134 |
| AMD EPYC 7371 | 31,094 |
| Intel Xeon W-2295 @ 3.00GHz | 30,739 |
| AMD Ryzen 9 3900 | 30,729 |
| Intel Xeon Platinum 8171M @ 2.60GHz | 30,632 |
| AMD EPYC Embedded 7292P | 30,542 |
| Intel Xeon Gold 6246R @ 3.40GHz | 30,468 |
| Intel Core i9-9960X @ 3.10GHz | 30,354 |
| Intel Xeon W-3245 @ 3.20GHz | 30,308 |
| Intel Core i9-7980XE @ 2.60GHz | 30,305 |
| Intel Core i7-12850HX | 30,260 |
| Intel Core i9-9990XE @ 4.00GHz | 30,162 |
| Intel Xeon W-3265 @ 2.70GHz | 30,105 |
| Intel Core i7-13700H | 29,985 |
| AMD Ryzen Threadripper 2970WX | 29,958 |
| Intel Core i7-12800HE | 29,805 |
| Intel Xeon Silver 4410Y | 29,585 |
| Intel Xeon Gold 6248 @ 2.50GHz | 29,504 |
| Intel Xeon Gold 6154 @ 3.00GHz | 29,488 |