

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

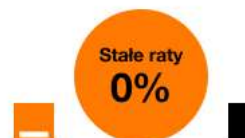
Apple M1 Pro 10 Core 3200 MHz

Price and performance details for the Apple M1 Pro 10 Core 3200 MHz can be found below. This is made using thousands of [PerformanceTest](#) benchmark results and is updated daily.

- The first graph shows the relative performance of the CPU compared to the 10 other common (single) CPUs in terms of PassMark CPU Mark.
- The 2nd graph shows the value for money, in terms of the CPUMark per dollar.
- The pricing history data shows the price for a single Processor. For multiple Processors, multiply the price shown by the number of CPUs.

Smartfony Apple
w dobrych cenach!

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abonamentu za 0 zł



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

- Single Thread
 - Systems with Multiple CPUs
 - Overclocked
 - Power Performance
 - CPU Mark by Socket Type
 - Cross-Platform CPU Performance
 - Top Gaming CPUs

- CPU Mega List
 - Search Model

Apple M1 Pro 10 Core 3200 MHz

Description:

Class: Desktop, Laptop
Socket:

Total Cores: 10 Cores, 10 Threads

Primary Cores: 8 Cores, 8 Threads, 3.2 GHz Base, NA Turbo

Secondary Cores: 2 Cores, 2 Threads, 2.1 GHz Base, NA Turbo

Other names: ARM Apple M1 Pro 10 Core 0 MHz

CPU First Seen on Charts: Q4 2021

CPUMark/\$Price: NA

Overall Rank: 283

Last Price Change: NA

Average CPU Mark



21995

Single Thread Rating: 3829
Samples: 910*
*[Margin for error:](#) Low

+ COMPARE

CPU Test Suite Average Results for Apple M1 Pro 10 Core 3200 MHz

Integer Math	46,932 MOps/Sec
Floating Point Math	64,760 MOps/Sec
Find Prime Numbers	276 Million Primes/Sec
Random String Sorting	33 Thousand Strings/Sec



CPU Benchmarks



Benchmarked

AMD vs Intel
Market ShareYear on Year
Performance

Data Encryption

12,343 MBytes/Sec

Physics

2,708 Frames/Sec

Extended Instructions

11,659 Million Matrices/Sec

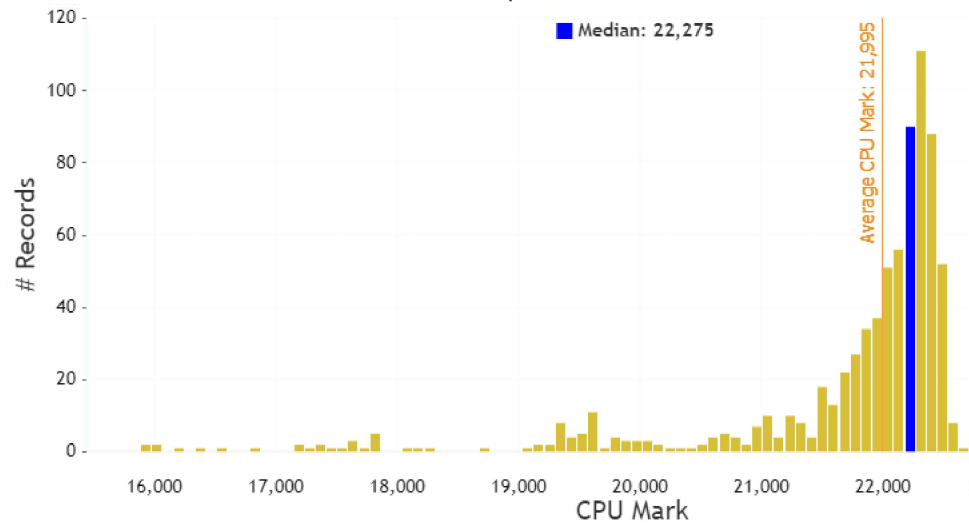
Single Thread

3,829 MOps/Sec

From submitted results to PerformanceTest V10 as of 1st of December 2022.

CPU Mark Distribution for Apple M1 Pro 10 Core 3200 MHz

Submitted Baseline Distribution Graph as of 30th of November 2022



From submitted results to PerformanceTest V10 as of 30th of November 2022.

For distribution graph only: Results are [trimmed](#) to exclude outliers by disregarding the bottom 1% and top 1% of submissions.

Ad

**NVIDIA Xavier NX Edge Device**
Ultra-Small Supercomputer for Rapid AISearch for **Apple M1 Pro 10 Core 3200 MHz**

from the Featured Merchants below:

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CPU Benchmarks

Machines with this CPU (or similar)



[2021 Apple MacBook Pro \(16-inch, Apple M1 Pro chip with 10-core CPU and 16-core GPU, 16GB RAM, 512GB SSD\) - Silver](#)

\$2179.83
(www.amazon.com)



[2021 Apple MacBook Pro \(14-inch, Apple M1 Pro chip with 10-core CPU and 16-core GPU, 16GB RAM, 1TB SSD\) - Space Gray](#)

\$2199.00
(www.amazon.com)



[2020 Apple MacBook Air Laptop: Apple M1 Chip, 13" Retina Display, 8GB RAM, 256GB SSD Storage, Backlit Keyboard, FaceTime HD Camera, Touch ID. Works with iPhone/iPad; Space Gray](#)

\$799.99
(www.amazon.com)



[2021 Apple MacBook Pro \(16-inch, Apple M1 Max chip with 10-core CPU and 32-core GPU, 64GB RAM, 2TB SSD\) - Space Gray - Z14X000HQ](#)

\$4098.10
(www.amazon.com)



[2021 Apple MacBook Pro \(16-inch, Apple M1 Pro chip with 10-core CPU and 16-core GPU, 32GB RAM, 1TB SSD\) - Space Gray Z14V0016H](#)

\$3098.96
(www.amazon.com)

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CPU Mark Relative to Top 10 Common Desktop, Laptop CPUs

As of 2nd of December 2022 - Higher results represent better performance

Processor

Average CPU Mark

Apple M1 Pro 10 Core 3200 MHz	21,995
AMD Ryzen 7 5800H	21,334
Intel Core i7-11800H @ 2.30GHz	21,115
Intel Core i9-9900K @ 3.60GHz	18,593
AMD Ryzen 5 3600	17,802
Intel Core i7-9700K @ 3.60GHz	14,554
Apple M1 8 Core 3200 MHz	14,352
Apple M1 8 Core 3200 MHz	14,352
Intel Core i7-10750H @ 2.60GHz	12,191
Intel Core i7-9750H @ 2.60GHz	11,111
Intel Core i7-8750H @ 2.20GHz	10,031

CPU Value (CPU Mark / \$Price)

As of 2nd of December 2022 - Higher results represent better value

Processor

CPU Mark / \$Price

AMD Ryzen 5 3600	161.86
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CPU Benchmarks



Intel Core i7-9700K @ 3.60GHz		49.57
Intel Core i9-9900K @ 3.60GHz		36.46
Intel Core i5-1135G7 @ 2.40GHz		32.45
Intel Core i7-8750H @ 2.20GHz		25.39
Intel Core i7-9750H @ 2.60GHz		11.57
Apple M1 Pro 10 Core 3200 MHz		NA
Apple M1 8 Core 3200 MHz		NA
Apple M1 8 Core 3200 MHz		NA
AMD Ryzen 7 5800H		NA

Single Thread Rating

As of 2nd of December 2022 - Higher results represent better performance

Processor

Average Thread Rating

Apple M1 Pro 10 Core 3200 MHz		3,829
Apple M1 8 Core 3200 MHz		3,738
Apple M1 8 Core 3200 MHz		3,738
Intel Core i7-11800H @ 2.30GHz		3,122
AMD Ryzen 7 5800H		3,074
Intel Core i9-9900K @ 3.60GHz		2,950
Intel Core i7-9700K @ 3.60GHz		2,893
Intel Core i5-1135G7 @ 2.40GHz		2,720
Intel Core i7-10750H @ 2.60GHz		2,695
AMD Ryzen 5 3600		2,569
Intel Core i7-9750H @ 2.60GHz		2,470

Last 5 Baselines for Apple M1 Pro 10 Core 3200 MHz

Most recent listed first

Baseline

CPU Mark



CPU Benchmarks



BL5027195 - Dec 01 2022		22382
BL5027112 - Nov 30 2022		21978
BL5027106 - Nov 30 2022		22178
BL5027094 - Nov 30 2022		16779

Popular comparisons for Apple M1 Pro 10 Core 3200 MHz

As of 2nd of December 2022 - Higher results represent better performance

Processor

Average CPU Mark

Apple M1 Pro 10 Core 3200 MHz		21,995
Apple M1 Max 10 Core 3200 MHz vs Apple M1 Pro 10 Core 3200 MHz		22,221 (+1.0%)
Intel Core i7-12700H vs Apple M1 Pro 10 Core 3200 MHz		26,762 (+21.7%)
Intel Core i5-12500H vs Apple M1 Pro 10 Core 3200 MHz		21,694 (-1.4%)
AMD Ryzen 5 5600G vs Apple M1 Pro 10 Core 3200 MHz		19,848 (-9.8%)
Intel Core i5-1240P vs Apple M1 Pro 10 Core 3200 MHz		17,565 (-20.1%)
Intel Core i7-1260P vs Apple M1 Pro 10 Core 3200 MHz		17,053 (-22.5%)
Intel Core i5-12600H vs Apple M1 Pro 10 Core 3200 MHz		22,704 (+3.2%)
Intel Core i5-1250P vs Apple M1 Pro 10 Core 3200 MHz		18,413 (-16.3%)
Intel Core i5-12450H vs Apple M1 Pro 10 Core 3200 MHz		18,028 (-18.0%)
Intel Core i7-1270P vs Apple M1 Pro 10 Core 3200 MHz		17,755 (-19.3%)
Apple M1 Pro 8 Core 3200 MHz vs Apple M1 Pro 10 Core 3200 MHz		17,248 (-21.6%)
Intel Core i5-12600KF vs Apple M1 Pro 10 Core 3200 MHz		27,405 (+24.6%)

Ad



NVIDIA Xavier NX Edge Device
Ultra-Small Supercomputer for Rapid AI





CPU Benchmarks

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