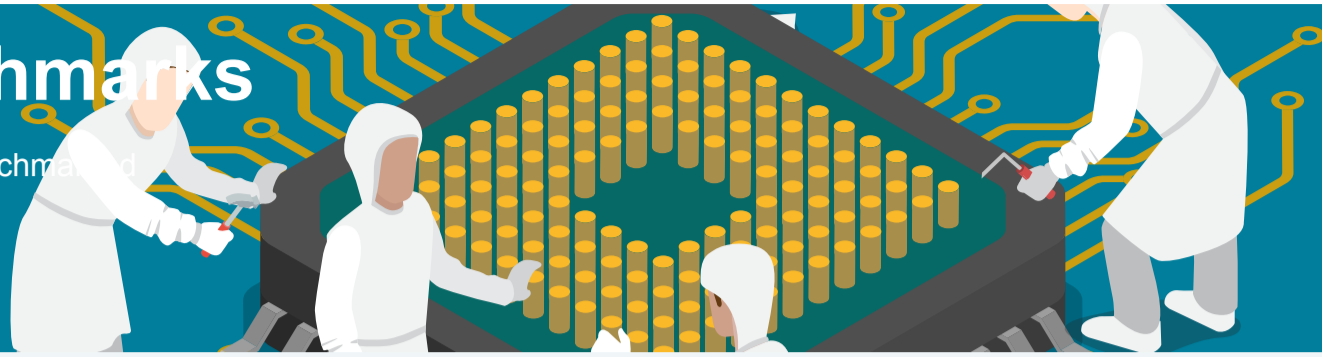


CPU Benchmarks

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.

CPUS	Apple M1 Pro 10 Core 3200 MHz	Average CPU Mark
High End High Mid Range Low Mid Range Low End	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: 270 Last Price Change: NA	 22035 Single Thread Rating: 3831 Samples: 788* * Margin for error: Low + COMPARE
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		
CPU Mega List Search Model		
Compare 0		
	CPU Test Suite Average Results for Apple M1 Pro 10 Core 3200 MHz	
	Integer Math	47,117 MOps/Sec
	Floating Point Math	64,751 MOps/Sec
	Find Prime Numbers	276 Million Primes/Sec
	Random String Sorting	33 Thousand Strings/Sec

☆ Common

🏠 CPU Benchmarks

- 📈 AMD vs Intel Market Share
- 📊 Year on Year Performance

Data Encryption

12,352 MBytes/Sec

Physics

2,707 Frames/Sec

Extended Instructions

11,748 Million Matrices/Sec

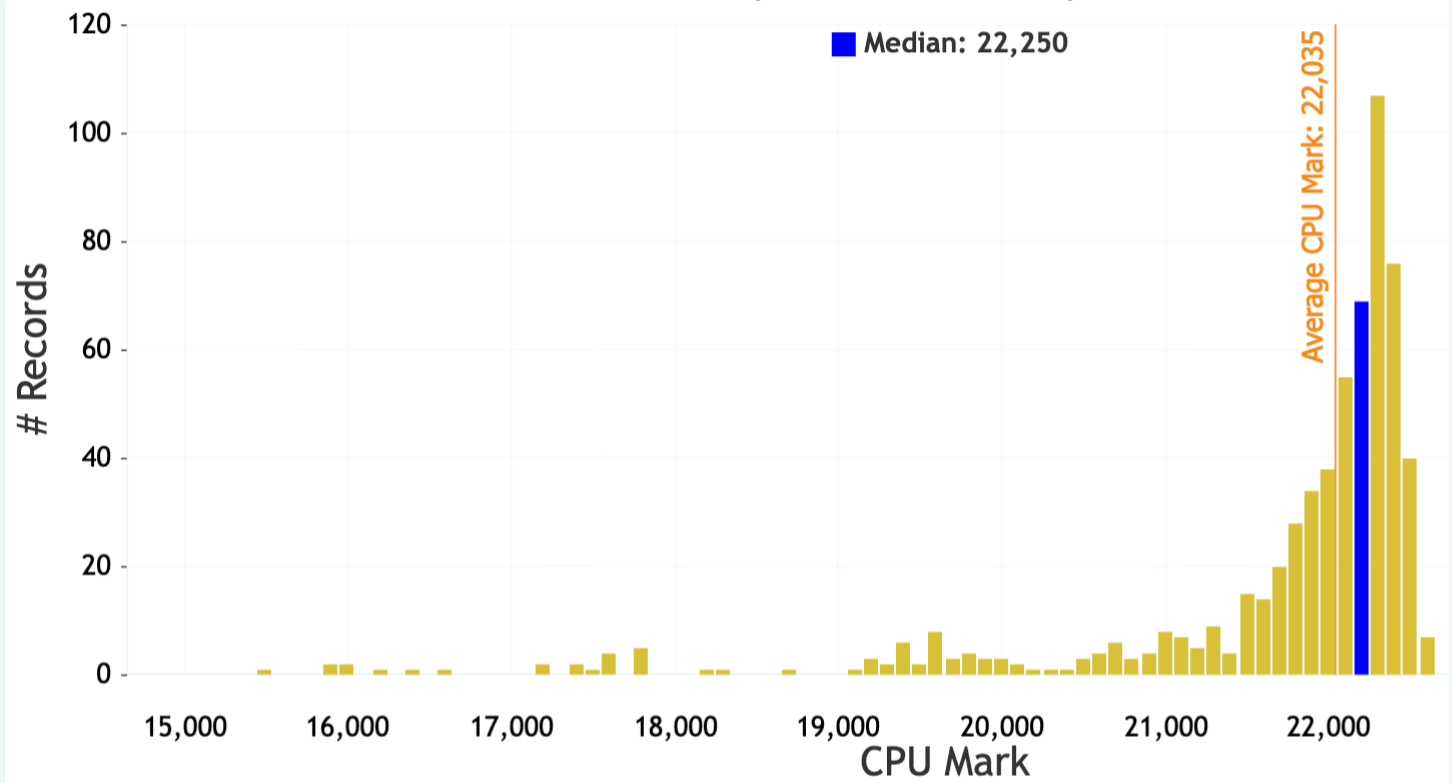
Single Thread

3,831 MOps/Sec

From submitted results to PerformanceTest V10 as of 3rd of October 2022.

CPU Mark Distribution for Apple M1 Pro 10 Core 3200 MHz

Submitted Baseline Distribution Graph as of 28th of September 2022



From submitted results to PerformanceTest V10 as of 28th of September 2022.

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

Search for **Apple M1 Pro 10 Core 3200 MHz**

from the Featured Merchants below:



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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](#)

\$2099.00
(www.amazon.com)



[2021 Apple MacBook Pro \(14-inch, Apple M1 Pro chip with 8-core CPU and 14-core GPU, 16GB RAM, 512GB SSD\) - Space Gray](#)

\$1599.00
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CPU Benchmarks



[Apple iPhone/iPad with Apple M1 Chip \(13-inch, 16GB RAM, 256GB SSD Storage\) - Space Gray \(Latest Model\) Z124000FK](#)

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[2021 Apple MacBook Pro \(16-inch, Apple M1 Pro chip with 10-core CPU and 16-core GPU, 32GB RAM, 512GB SSD\) - Space Gray - Z14V0016E](#)

\$2776.92
(www.amazon.com)



[Apple MacBook Air with Apple M1 Chip \(13-inch, 16GB RAM, 256GB SSD Storage\) - Space Gray \(Latest Model\) Z124000FK](#)

\$1168.94
(www.amazon.com)

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CPU Mark Relative to Top 10 Common Desktop, Laptop CPUs

As of 3rd of October 2022 - Higher results represent better performance

Processor	Average CPU Mark
Apple M1 Pro 10 Core 3200 MHz	22,035
AMD Ryzen 7 5800H	21,351
Intel Core i7-11800H @ 2.30GHz	21,136
Intel Core i9-9900K @ 3.60GHz	18,635
AMD Ryzen 5 3600	17,815
Intel Core i7-9700K @ 3.60GHz	14,555
Apple M1 8 Core 3200 MHz	14,458
Apple M1 8 Core 3200 MHz	14,458
Intel Core i7-10750H @ 2.60GHz	12,234
Intel Core i7-9750H @ 2.60GHz	11,140
Intel Core i7-8750H @ 2.20GHz	10,023

CPU Value (CPU Mark / \$Price)

As of 3rd of October 2022 - Higher results represent better value

Processor	CPU Mark / \$Price
AMD Ryzen 5 3600	137.06
Intel Core i7-11800H @ 2.30GHz	53.51
Intel Core i7-9700K @ 3.60GHz	48.22
Intel Core i9-9900K @ 3.60GHz	33.88

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Intel Core i7-8750H @ 2.20GHz		25.37
Intel Core i7-7700HQ @ 2.60GHz		10.49
Intel Core i7-9750H @ 2.60GHz		11.60
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 3rd of October 2022 - Higher results represent better performance

Processor	Average Thread Rating	
Apple M1 Pro 10 Core 3200 MHz		3,831
Apple M1 8 Core 3200 MHz		3,748
Apple M1 8 Core 3200 MHz		3,748
Intel Core i7-11800H @ 2.30GHz		3,122
AMD Ryzen 7 5800H		3,074
Intel Core i9-9900K @ 3.60GHz		2,953
Intel Core i7-9700K @ 3.60GHz		2,894
Intel Core i7-10750H @ 2.60GHz		2,700
AMD Ryzen 5 3600		2,570
Intel Core i7-9750H @ 2.60GHz		2,473
Intel Core i7-8750H @ 2.20GHz		2,315

Last 5 Baselines for Apple M1 Pro 10 Core 3200 MHz

Most recent listed first

Baseline	CPU Mark	
BL5023305 - Oct 03 2022		22356
BL5023277 - Oct 02 2022		22512

BL5023268 - Oct 02 2022

22258

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BL5023158 - Sep 30 2022

21248

Popular comparisons for Apple M1 Pro 10 Core 3200 MHz

As of 3rd of October 2022 - Higher results represent better performance

Processor	Average CPU Mark
Apple M1 Pro 10 Core 3200 MHz	22,035
Apple M1 Max 10 Core 3200 MHz	22,247
Intel Core i5-12500H	21,678
AMD Ryzen 5 5600G	19,836
Intel Core i5-1240P	17,174
Intel Core i7-1260P	17,087
Intel Core i5-12600H	22,624
Intel Core i5-12450H	18,362
Intel Core i7-1270P	18,355
Intel Core i5-1250P	17,368
Apple M1 Pro 8 Core 3200 MHz	17,287
Intel Core i5-12600KF	27,247
Intel Core i7-12700H	26,861

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