

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

AMD Ryzen 5 5500U

Price and performance details for the AMD Ryzen 5 5500U 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.

Is the AMD Ryzen 5 5500U Good for Gaming?

This is relatively new CPU that contains 6 Cores and 12 Threads. Paired with a good [videocard](#), is this CPU Good for Gaming? This CPU should be able to play most games, but may be a bottleneck on newer releases. [\[More...\]](#)

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

Search

CPU Mega List

Search Model

Compare 0

Common

Most Benchmarked

AMD vs Intel

Market Share

Year on Year Performance

AMD Ryzen 5 5500U

Description: with Radeon Graphics

Class: Laptop	Socket: FP6
Clockspeed: 2.1 GHz	Turbo Speed: 4.0 GHz
Cores: 6 Threads: 12	Typical TDP: 15 W
TDP Down: 10 W	TDP Up: 25 W
Cache Size: L1: 384 KB, L2: 3.0 MB, L3: 8 MB	

Other names: AMD Ryzen 5 5500U with Radeon Graphics


CPU First Seen on Charts: Q1 2021

CPUmark/\$Price: NA

Overall Rank: 774

Last Price Change: NA

Average CPU Mark



13176

Single Thread Rating: 2458

Samples: 2285*

***Margin for error:** Low

[+ COMPARE](#)

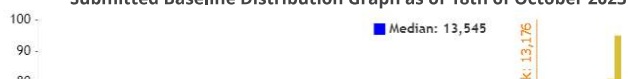
CPU Test Suite Average Results for AMD Ryzen 5 5500U

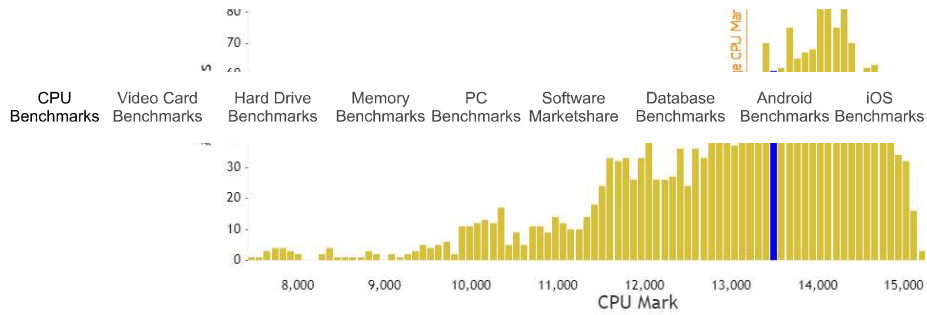
Integer Math	46,447 MOps/Sec
Floating Point Math	26,746 MOps/Sec
Find Prime Numbers	26 Million Primes/Sec
Random String Sorting	19,683 Thousand Strings/Sec
Data Encryption	10,788 MBytes/Sec
Data Compression	179,106 KBytes/Sec
Physics	541 Frames/Sec
Extended Instructions	11,092 Million Matrices/Sec
Single Thread	2,458 MOps/Sec

From submitted results to PerformanceTest V10 as of 20th of October 2023.

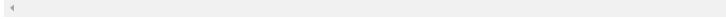
CPU Mark Distribution for AMD Ryzen 5 5500U

Submitted Baseline Distribution Graph as of 18th of October 2023





From submitted results to PerformanceTest V10 as of 18th of October 2023.
 For distribution graph only: Results are [trimmed](#) to exclude outliers by disregarding the bottom 1% and top 1% of submissions.



Search for **AMD Ryzen 5 5500U** from the Featured Merchants below:

Note: PassMark Software may earn compensation for sales from links on this site through affiliate programs.

Machines with this CPU (or similar)

- [Acer Aspire 5 A515-45-R74Z Slim Laptop | 15.6" Full HD IPS | AMD Ryzen 5 5500U Hexa-Core Mobile Processor | AMD Radeon Graphics | 8GB DDR4 | 256GB NVMe SSD | WiFi 6 | Backlit KB | Windows 11 Home](#) \$468.00 (www.amazon.com)
- [HP 14 Laptop, AMD Ryzen 5 5500U, 8 GB RAM, 256 GB SSD Storage, 14-inch Full HD Display, Windows 11 Home, Thin & Portable, Micro-edge & Anti-glare Screen, Long Battery Life \(14-fq1025nr, 2021\)](#) \$444.00 (www.amazon.com)
- [HP 15.6 Inch FHD Business Laptop Newest, AMD Ryzen 5 5500U 6 core \(Beat i7-1160G7\), 16GB RAM, 1TB PCIe SSD, AMD Radeon Graphics, WiFi, Windows 11 + GM Accessory, Spruce Blue](#) \$549.99 (www.amazon.com)
- [Lenovo Ideapad 3 15.6" FHD Laptop | AMD Ryzen 5 5500U \(Beat i7-1195G7\) | 36GB RAM | 512GB SSD | Backlit | AMD Radeon Graphics | Windows 11 Home | Bundle with 64GB USB Flash Drive](#) \$619.99 (www.amazon.com)
- [Lenovo IdeaPad 3 15.6" Touchscreen Laptop - AMD Ryzen 5 5500U - Abyss Blue MD Ryzen 5 5500U 12GB DDR4 2666MHz RAM 512GB NVMe M.2 Solid State Drive 82KU00C1US](#) \$575.00 (www.amazon.com)

Note: PassMark Software may earn compensation for sales from links on this site through affiliate programs.

CPU Mark Relative to Top 10 Common Laptop CPUs

As of 20th of October 2023 - Higher results represent better performance

Processor	Average CPU Mark
Apple M1 Max 10 Core 3200 MHz	22,055
AMD Ryzen 7 5800H	21,175
Intel Core i7-11800H @ 2.30GHz	20,796
AMD Ryzen 7 4800H	18,679
Apple M2 8 Core 3500 MHz	15,456
Apple M1 8 Core 3200 MHz	14,239
AMD Ryzen 5 5500U	13,176
Intel Core i7-10750H @ 2.60GHz	12,039
Intel Core i7-9750H @ 2.60GHz	10,969
Intel Core i5-1135G7 @ 2.40GHz	9,915
AMD Ryzen 5 3500U	6,993

CPU Value (CPU Mark / \$Price)

As of 20th of October 2023 - Higher results represent better value

Processor				CPU Mark / \$Price				
			Intel Core i7-11800H @ 2.30GHz					52.65
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Memory Benchmarks	PC Benchmarks	Software Marketshare	Database Benchmarks	Android Benchmarks	iOS Benchmarks
			AMD Ryzen 5 5500U					NA
			Apple M1 8 Core 3200 MHz					NA
			Apple M2 8 Core 3500 MHz					NA
			Apple M1 Max 10 Core 3200 MHz					NA
			AMD Ryzen 7 5800H					NA
			AMD Ryzen 7 4800H					NA
			AMD Ryzen 5 3500U					NA
			Intel Core i7-10750H @ 2.60GHz					NA

Single Thread Rating

As of 20th of October 2023 - Higher results represent better performance

Processor	Average Thread Rating
Apple M2 8 Core 3500 MHz	3.951
Apple M1 Max 10 Core 3200 MHz	3.842
Apple M1 8 Core 3200 MHz	3.713
Intel Core i7-11800H @ 2.30GHz	3.103
AMD Ryzen 7 5800H	3.061
Intel Core i5-1135G7 @ 2.40GHz	2.705
Intel Core i7-10750H @ 2.60GHz	2.680
AMD Ryzen 7 4800H	2.625
AMD Ryzen 5 5500U	2.458
Intel Core i7-9750H @ 2.60GHz	2.451
AMD Ryzen 5 3500U	1.953

Last 5 Baselines for AMD Ryzen 5 5500U

Most recent listed first

Baseline	CPU Mark
BL1926171 - Oct 17 2023	13595
BL1926086 - Oct 17 2023	15429
BL1925665 - Oct 16 2023	12896
BL1925049 - Oct 15 2023	13569
BL1925019 - Oct 15 2023	11767

Additional baselines can be obtained using Windows version of [PerformanceTest's Manage Baselines](#) feature.

Popular comparisons for AMD Ryzen 5 5500U

As of 20th of October 2023 - Higher results represent better performance

Processor	Average CPU Mark
AMD Ryzen 5 5500U	13,176
Intel Core i5-11400H @ 2.70GHz vs AMD Ryzen 5 5500U	15,843 (+20.2%)
AMD Ryzen 7 5700U vs AMD Ryzen 5 5500U	15,834 (+20.2%)
Intel Core i5-11260H @ 2.60GHz vs AMD Ryzen 5 5500U	15,772 (+19.7%)
AMD Ryzen 5 5600U vs AMD Ryzen 5 5500U	15,455 (+17.3%)
AMD Ryzen 5 PRO 5650U vs AMD Ryzen 5 5500U	14,984 (+13.7%)
AMD Ryzen 5 4600H vs AMD Ryzen 5 5500U	14,552 (+10.4%)
Intel Core i5-10500H @ 2.50GHz vs AMD Ryzen 5 5500U	11,331 (-14.0%)
Intel Core i5-11500H @ 2.90GHz vs AMD Ryzen 5 5500U	16,216 (+23.1%)
Intel Core i7-10750H @ 2.60GHz vs AMD Ryzen 5 5500U	12,039 (-8.6%)
Intel Core i7-9750H @ 2.60GHz vs AMD Ryzen 5 5500U	10,969 (-16.8%)
AMD Ryzen 5 5600H vs AMD Ryzen 5 5500U	17,104 (+29.8%)
AMD Ryzen 5 5625U vs AMD Ryzen 5 5500U	15,109 (+14.7%)

Is the AMD Ryzen 5 5500U Good for Gaming?

As of 20th of October 2023 - Higher results represent better performance

Processor	Relative Gaming Score
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CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Memory Benchmarks	PC Benchmarks	Software Marketshare	Database Benchmarks	Android Benchmarks	iOS Benchmarks
Intel Core i9-13950HX								7.125
Intel Core i9-13900HX								6.922
Intel Core i7-13850HX								6.244
Intel Core i9-13900HK								6.134
Intel Core i7-13800H								5.980
Intel Core i9-13900H								5.935
Intel Core i7-13620H								5.861
Intel Core i9-12900HK								5.792
AMD Ryzen 9 7845HX								5.745
Intel Core i5-13600HX								5.738
AMD Ryzen 5 5500U								2,071



Software

- [BurnInTest](#)
- [PerformanceTest](#)
- [OSForensics](#)
- [MemTest86](#)
- [WirelessMon](#)
- [Management Console](#)
- [Zoom Search Engine](#)
- [Free Software](#)

Hardware

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