

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

AMD Ryzen 3 5300U

Price and performance details for the AMD Ryzen 3 5300U 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.



AMD Ryzen 3 5300U

Description: with Radeon Graphics

Class:

Laptop

Socket:

FP6

Clockspeed:

2.6 GHZ

Turbo Speed:

3.8 GHZ

Cores:

4

Typical TDP:

15 W

Threads:

8

TDP Down:

10 W

TDP Up

: 25 W

Other names: AMD Ryzen 3 5300U with Radeon Graphics

CPU First Seen on Charts: Q2 2021

Average CPU Mark



10127

Single Thread Rating: 2405

Samples: 153*

*[Margin for error:](#) Low

[+ COMPARE](#)

Overall Rank: 637

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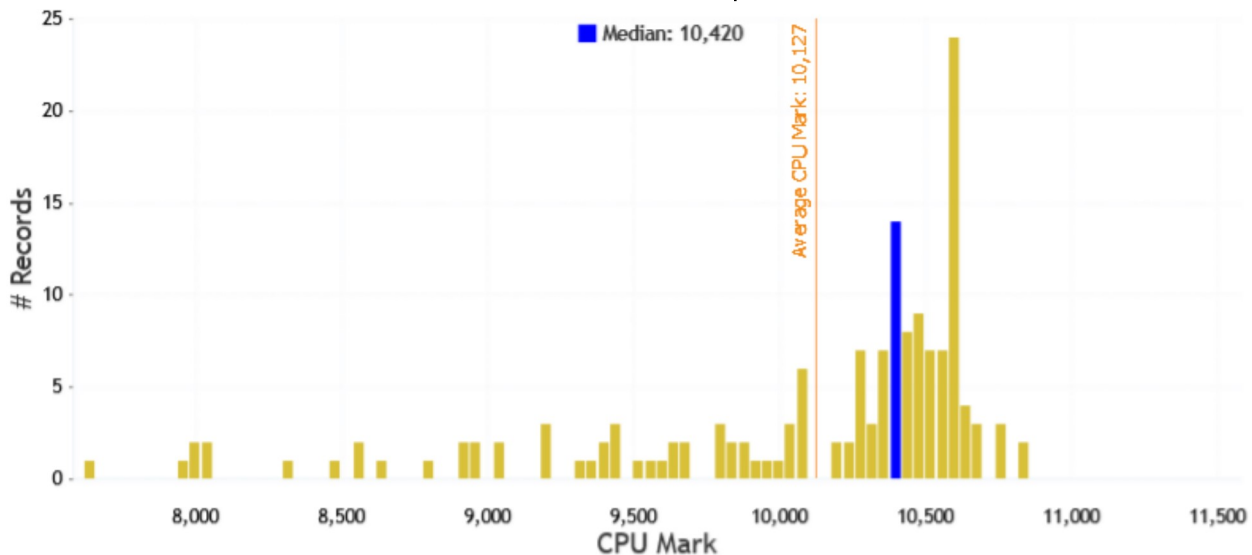
CPU Test Suite Average Results for AMD Ryzen 3 5300U

Integer Math	31,270 MOps/Sec
Floating Point Math	18,444 MOps/Sec
Find Prime Numbers	19 Million Primes/Sec
Random String Sorting	15 Thousand Strings/Sec
Data Encryption	8,604 MBytes/Sec
Data Compression	136.1 MBytes/Sec
Physics	442 Frames/Sec
Extended Instructions	8,872 Million Matrices/Sec
Single Thread	2,405 MOps/Sec

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

CPU Mark Distribution for AMD Ryzen 3 5300U

Submitted Baseline Distribution Graph as of 25th of March 2022

*From submitted results to PerformanceTest V10 as of 25th of March 2022.*

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from the Featured Merchants below:



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CPU Mark Relative to Top 10 Common Laptop CPUs

As of 31st of March 2022 - Higher results represent better performance

Processor	Average CPU Mark
Apple M1 Max 10 Core 3200 MHz	22,675
Apple M1 Pro 10 Core 3200 MHz	22,422
AMD Ryzen 7 5800H	21,496
AMD Ryzen 7 4800H	19,066
Apple M1 8 Core 3200 MHz	14,764
Intel Core i7-10750H @ 2.60GHz	12,381
Intel Core i7-9750H @ 2.60GHz	11,213
AMD Ryzen 3 5300U	10,127
Intel Core i7-8750H @ 2.20GHz	10,098
AMD Ryzen 5 3500U	7,103
Intel Core i7-7700HQ @ 2.80GHz	6,956

CPU Value (CPU Mark / \$Price)

As of 31st of March 2022 - Higher results represent better value

Processor	CPU Mark / \$Price
Intel Core i7-8750H @ 2.20GHz	25.56
Intel Core i7-7700HQ @ 2.80GHz	18.40
Intel Core i7-9750H @ 2.60GHz	11.21

Apple M1 8 Core 3200 MHz		NA
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Apple M1 Pro 10 Core 3200 MHz		NA
AMD Ryzen 7 4800H		NA
AMD Ryzen 7 5800H		NA
AMD Ryzen 5 3500U		NA
Intel Core i7-10750H @ 2.60GHz		NA

Single Thread Rating

As of 31st of March 2022 - Higher results represent better performance

Processor	Average Thread Rating	
Apple M1 Max 10 Core 3200 MHz		3,850
Apple M1 Pro 10 Core 3200 MHz		3,849
Apple M1 8 Core 3200 MHz		3,763
AMD Ryzen 7 5800H		3,085
Intel Core i7-10750H @ 2.60GHz		2,719
AMD Ryzen 7 4800H		2,640
Intel Core i7-9750H @ 2.60GHz		2,488
AMD Ryzen 3 5300U		2,405
Intel Core i7-8750H @ 2.20GHz		2,332
Intel Core i7-7700HQ @ 2.80GHz		2,069
AMD Ryzen 5 3500U		1,982

Last 5 Baselines for AMD Ryzen 3 5300U

Most recent listed first

Baseline	CPU Mark	
BL1541989 - Mar 31 2022		10255
BL1541875 - Mar 30 2022		10306

BL1540906 - Mar 29 2022		10562
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BL1537532 - Mar 23 2022		9443

Popular comparisons for AMD Ryzen 3 5300U

As of 31st of March 2022 - Higher results represent better performance

Processor	Average CPU Mark
AMD Ryzen 3 5300U	10,127
Intel Core i5-11300H @ 3.10GHz	11,100
Intel Core i7-11370H @ 3.30GHz	12,204
Intel Core i3-1125G4 @ 2.00GHz	9,945
Intel Core i5-1135G7 @ 2.40GHz	10,136
Intel Core i5-1145G7 @ 2.60GHz	10,414
Intel Core i7-1165G7 @ 2.80GHz	10,618
Intel Core i5-1130G7 @ 1.10GHz	9,913
Intel Core i5-10300H @ 2.50GHz	8,698
Intel Core i5-10200H @ 2.40GHz	8,515
Intel Core i7-1195G7 @ 2.90GHz	11,060
AMD Ryzen 5 4500U	11,114
Intel Core i5-9300H @ 2.40GHz	7,808

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