

AMD Ryzen 7 4700U

Price and performance details for the AMD Ryzen 7 4700U 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	AMD Ryzen 7 4700U	Average CPU Mark
High End High Mid Range Low Mid Range Low End	Description: with Radeon Graphics	
	Class: Laptop	Socket: FP6
	Clockspeed: 2.0 GHz	Turbo Speed: 4.1 GHz
	13585	
Best Value (On Market) Best Value XY Scatter Best Value (All time)	Cores: 8	Typical TDP: 15 W
	Threads: 8	
New Desktop New Laptop	Other names: AMD Ryzen 7 4700U with Radeon Graphics	
	CPU First Seen on Charts: Q2 2020	
Single Thread Systems with Multiple CPUs Overclocked Power Performance CPU Mark by Socket Type Cross-Platform CPU Performance	CPUmark/\$Price: NA	
	Overall Rank: 547	
	Last Price Change: NA	

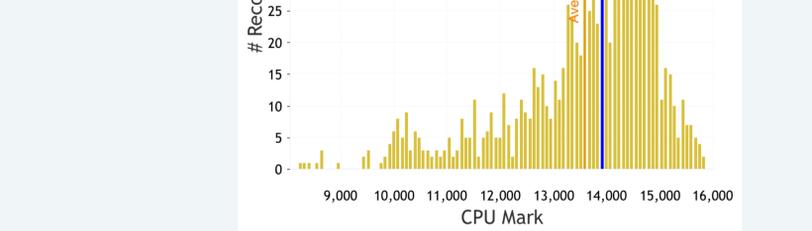
CPU Test Suite Average Results for AMD Ryzen 7 4700U

Integer Math	42,977 MOps/Sec
Floating Point Math	29,164 MOps/Sec
Find Prime Numbers	38 Million Primes/Sec
Random String Sorting	19 Thousand Strings/Sec
Data Encryption	8,765 MBytes/Sec
Data Compression	155.2 MBytes/Sec
Physics	601 Frames/Sec
Extended Instructions	13,804 Million Matrices/Sec
Single Thread	2,549 MOps/Sec

From submitted results to PerformanceTest V10 as of 5th of September 2022.

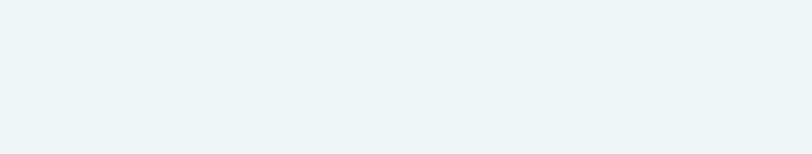
CPU Mark Distribution for AMD Ryzen 7 4700U

Submitted Baseline Distribution Graph as of 30th of August 2022



From submitted results to PerformanceTest V10 as of 30th of August 2022. For distribution graph only: Results are trimmed to exclude outliers by disregarding the bottom 1% and top 1% of submissions.

Search for AMD Ryzen 7 4700U from the Featured Merchants below:



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Machines with this CPU (or similar)

	Acer Swift 3 Thin & Light Laptop, 14" Full HD IPS, AMD Ryzen 7 4700U Octa-Core with Radeon Graphics, 8GB LPDDR4, 512GB NVMe SSD, Wi-Fi 6, Backlit KB, Fingerprint Reader, Alexa Built-in	\$669.84 <small>(www.amazon.com)</small>
	Lenovo IdeaPad Flex 5 2-in-1 Laptop, 14" Full HD IPS Touch Screen, AMD Ryzen 7 4700U, Webcam, Backlit Keyboard, Fingerprint Reader, USB-C, HDMI, Windows 10 Home, 16GB RAM, 512GB PCIe SSD	\$714.00 <small>(www.amazon.com)</small>
	HP 15.6" Full HD Touch-Screen Laptop, AMD Ryzen 7 4700U, 8GB Memory, 512GB SSD, Windows 10 Home, Natural Silver	\$554.90 <small>(www.amazon.com)</small>
	ASUS VivoBook 15 S513 Home and Entertainment Laptop (AMD Ryzen 7 4700U 8-Core, 16GB RAM, 1TB m.2 SATA SSD, AMD Radeon Graphics, 15.6" Full HD (1920x1080), Fingerprint, WiFi, Win 10 Pro) with Hub	\$1499.99 <small>(www.amazon.com)</small>
	Lenovo IdeaPad Laptop, 15.6" FHD Display, AMD Ryzen 7 4700U 8-Core Processor (Beats i7-11375H), 20GB RAM, 512GB PCIe SSD, AMD Radeon Graphics, Long Battery Life, Webcam, WiFi, HDMI, Bluetooth, Win 10	\$749.00 <small>(www.amazon.com)</small>

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CPU Mark Relative to Top 10 Common Laptop CPUs

As of 5th of September 2022 - Higher results represent better performance

Processor	Average CPU Mark
Apple M1 Max 10 Core 3200 MHz	22,291
Apple M1 Pro 10 Core 3200 MHz	22,075
AMD Ryzen 7 5800H	21,366
AMD Ryzen 7 4800H	18,961
Apple M1 8 Core 3200 MHz	14,497
AMD Ryzen 7 4700U	13,585
Intel Core i7-10750H @ 2.60GHz	12,248
Intel Core i7-9750H @ 2.60GHz	11,151
Intel Core i7-8750H @ 2.20GHz	10,040
AMD Ryzen 5 3500U	7,073
Intel Core i7-7700HQ @ 2.80GHz	6,975

CPU Value (CPU Mark / \$Price)

As of 5th of September 2022 - Higher results represent better value

Processor	CPU Mark / \$Price
Intel Core i7-8750H @ 2.20GHz	25.42
Intel Core i7-7700HQ @ 2.80GHz	18.45
Intel Core i7-9750H @ 2.60GHz	11.62
AMD Ryzen 7 4700U	NA
Apple M1 8 Core 3200 MHz	NA
Apple M1 Max 10 Core 3200 MHz	NA
Apple M1 Pro 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 5th of September 2022 - Higher results represent better performance

Processor	Average Thread Rating
Apple M1 Max 10 Core 3200 MHz	3,849
Apple M1 Pro 10 Core 3200 MHz	3,834
Apple M1 8 Core 3200 MHz	3,751
AMD Ryzen 7 5800H	3,075
Intel Core i7-10750H @ 2.60GHz	2,702
AMD Ryzen 7 4800H	2,634
AMD Ryzen 7 4700U	2,549
Intel Core i7-9750H @ 2.60GHz	2,474
Intel Core i7-8750H @ 2.20GHz	2,318
Intel Core i7-7700HQ @ 2.80GHz	2,075
AMD Ryzen 5 3500U	1,975

Last 5 Baselines for AMD Ryzen 7 4700U

Most recent listed first

Baseline	CPU Mark
BL1623500 - Sep 03 2022	11736
BL1623447 - Sep 03 2022	5892
BL1622953 - Sep 02 2022	12361
BL1622661 - Sep 02 2022	13152
BL1621912 - Aug 31 2022	10055

Popular comparisons for AMD Ryzen 7 4700U

As of 5th of September 2022 - Higher results represent better performance

Processor	Average CPU Mark
AMD Ryzen 7 4700U	13,585
Intel Core i7-1165G7 @ 2.80GHz	10,485
AMD Ryzen 5 4500U	11,059
AMD Ryzen 5 4600H	14,692
Intel Core i7-10750H @ 2.60GHz	12,248
Intel Core i7-1185G7 @ 3.00GHz	10,789
Apple M1 8 Core 3200 MHz	14,497
AMD Ryzen 5 5500U	13,167
AMD Ryzen 5 PRO 4650U	12,836
Intel Core i7-10850H @ 2.70GHz	12,130
Intel Core i7-11370H @ 3.30GHz	11,942
Intel Core i7-9750H @ 2.60GHz	11,151
Intel Core i5-11300H @ 3.10GHz	11,061