

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

Intel Core i7-1165G7 @ 2.80GHz

Price and performance details for the Intel Core i7-1165G7 @ 2.80GHz 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.

Intel Core i7-1165G7 @ 2.80GHz	
Description: Intel Iris Xe Graphics	Class: Laptop
Socket: BGA1526	Clockspeed: 2.8 GHz
Turbo Speed: 4.7 GHz	Cores: 4 Threads: 8
TDP Down: 12 W	TDP Up: : 28 W
Typical TDP: 15 W	
Other names: 11th Gen Intel(R) Core(TM) i7-1165G7 @ 2.80GHz	
CPU First Seen on Charts: Q2 2020	
CPUmark/\$Price: 25.00	
Overall Rank: 504	
Last Price Change: \$426.00 USD (2020-07-01)	

Average CPU Mark



10648

Single Thread Rating: 2896
 Cross-Platform Rating: 20,511
 Samples: 872*

*[Margin for error](#) : Low

[+ COMPARE](#)

³ Actual CPU performance may differ from the average depending on the CPU power/performance trade off specified by the vendor.

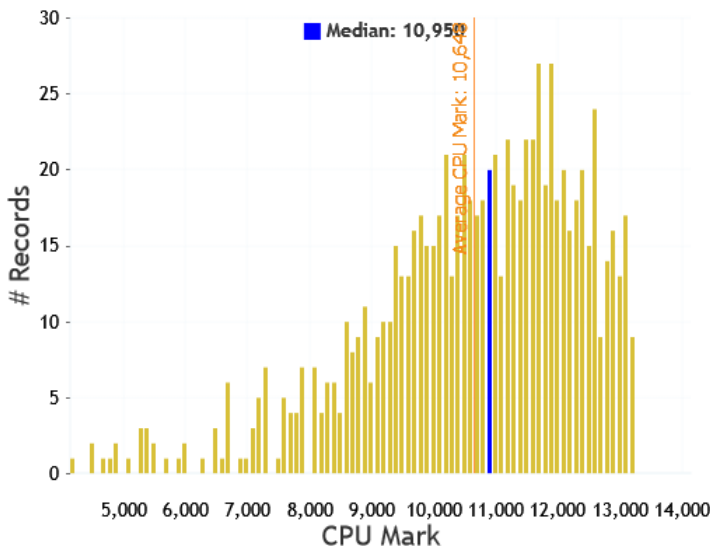
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Integer Math	35,728 MOps/Sec
Floating Point Math	21,019 MOps/Sec
Find Prime Numbers	49 Million Primes/Sec
Random String Sorting	14 Thousand Strings/Sec
Data Encryption	5,973 MBytes/Sec
Data Compression	107.4 MBytes/Sec
Physics	768 Frames/Sec
Extended Instructions	7,802 Million Matrices/Sec
Single Thread	2,896 MOps/Sec

From submitted results to PerformanceTest V10 as of 23rd of September 2021.

CPU Mark Distribution for Intel Core i7-1165G7 @ 2.80GHz

Submitted Baseline Distribution Graph as of 22nd of September 2021



From submitted results to PerformanceTest V10 as of 22nd of September 2021.

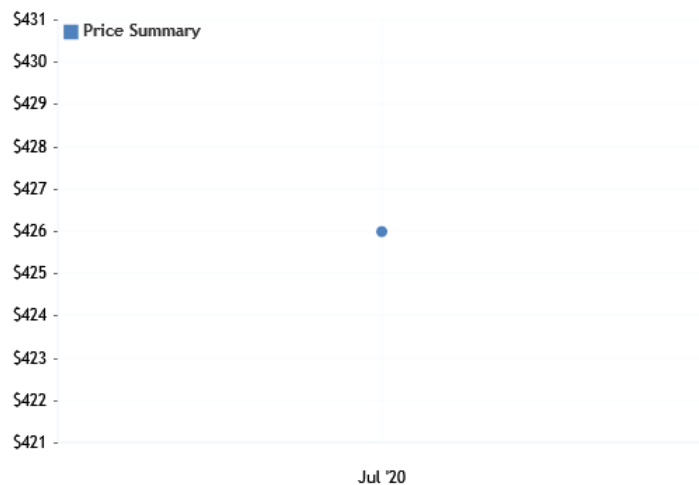
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Pricing History



CPU Mark Relative to Top 10 Common Laptop CPUs

As of 23rd of September 2021 - Higher results represent better performance

Processor	Average CPU Mark
AMD Ryzen 7 4800H	19,171
Apple M1 8 Core 3200 MHz	15,161
Intel Core i7-10750H @ 2.60GHz	12,515
Intel Core i7-9750H @ 2.60GHz	11,278
AMD Ryzen 5 4500U	11,213
Intel Core i7-1165G7 @ 2.80GHz	10,648
Intel Core i7-8750H @ 2.20GHz	10,141
AMD Ryzen 5 3500U	7,931
Intel Core i7-7700HQ @ 2.80GHz	6,935
Microsoft ARM SQ1 @ 3.0 GHz	3,970
Celeron Dual-Core T3500 @ 2.10GHz	768

CPU Value (CPU Mark / \$Price)

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Processor	CPU Mark / \$Price
Intel Core i7-8750H @ 2.20GHz	25.67
Intel Core i7-1165G7 @ 2.80GHz	25.00
Intel Core i7-7700HQ @ 2.80GHz	18.35
Intel Core i7-9750H @ 2.60GHz	11.75
Apple M1 8 Core 3200 MHz	NA
Microsoft ARM SQ1 @ 3.0 GHz	NA
Celeron Dual-Core T3500 @ 2.10GHz	NA
AMD Ryzen 5 3500U	NA
AMD Ryzen 7 4800H	NA
AMD Ryzen 5 4500U	NA
Intel Core i7-10750H @ 2.60GHz	NA

Single Thread Rating

As of 23rd of September 2021 - Higher results represent better performance

Processor	Average Thread Rating
Apple M1 8 Core 3200 MHz	3.778
Intel Core i7-1165G7 @ 2.80GHz	2,896
Intel Core i7-10750H @ 2.60GHz	2,733
AMD Ryzen 7 4800H	2,649
Intel Core i7-9750H @ 2.60GHz	2,499
AMD Ryzen 5 4500U	2,468
Intel Core i7-8750H @ 2.20GHz	2,342
AMD Ryzen 5 3500U	2,123
Intel Core i7-7700HQ @ 2.80GHz	2,066

Celeron Dual-Core T3500 @ 2.10GHz	872
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 **CPU Benchmarks** ▼

Last 5 Baselines for Intel Core i7-1165G7 @ 2.80GHz

Most recent listed first

Baseline	CPU Mark
BL1449975 - Sep 23 2021	8903
BL1449952 - Sep 23 2021	9846
BL1449915 - Sep 23 2021	9447
BL1449784 - Sep 22 2021	4860
BL1449631 - Sep 22 2021	11371

Popular comparisons for Intel Core i7-1165G7 @ 2.80GHz

As of 23rd of September 2021 - Higher results represent better performance

Processor	Average CPU Mark
Intel Core i7-1165G7 @ 2.80GHz	10,648
Intel Core i7-1185G7 @ 3.00GHz	10,931
Intel Core i5-1038NG7 @ 2.00GHz	9,775
Intel Core i7-1068NG7 @ 2.30GHz	10,364
Intel Core i7-1065G7 @ 1.30GHz	8,828
Intel Core i7-8569U @ 2.80GHz	8,487
Intel Core i7-11370H @ 3.30GHz	12,410
Intel Core i7-1160G7 @ 1.20GHz	10,981
Intel Core i7-10850H @ 2.70GHz	12,168
Intel Core i5-1035G7 @ 1.20GHz	8,442
Intel Core i7-11375H @ 3.30GHz	12,367
Intel Core i5-8279U @ 2.40GHz	8,027

Software AMD Ryzen 5 4500U

Hardware [11,213](#)

[BurnInTest](#)

[PerformanceTest](#)

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