

Intel Core Ultra 7 165H

Price and performance details for the Intel Core Ultra 7 165H 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 Intel Core Ultra 7 165H Good for Gaming?

This is a newly released CPU that contains 16 Cores and 22 Threads. The Intel Core Ultra 7 165H also has reasonable threaded performance that will serve well in games. Paired with a good [videocard](#), *is this CPU Good for Gaming?* Yes, this would be a suitable CPU for gaming. [[More ...](#)]

CPUS	Intel Core Ultra 7 165H
High End	Description: Intel Arc graphics
High Mid Range	Class: Laptop Socket: FCBGA2049
Low Mid Range	Total Cores: 16 Cores, 22 Threads
Low End	Performance Cores: 6 Cores, 12 Threads, 1.4 GHz Base, 5.0 GHz Turbo
	Efficient Cores: 10 Cores, 10 Threads, 0.9 GHz Base, 3.8 GHz Turbo
Best Value (On Market)	Typical TDP: 28 W TDP Down: 20 W
Best Value XY Scatter	TDP Up: 115 W
Best Value (All time)	Cache per CPU Package: L1 Instruction Cache: 6 x 64 KB L1 Data Cache: 6 x 48 KB L2 Cache: 9 x 2048 KB L3 Cache: 24 MB
	Cache per Eff. CPU Package: Eff. L1 Instruction Cache: 10 x 64 KB Eff. L1 Data Cache: 10 x 32 KB
New Desktop	Memory Support: Max. Memory Size: 96 GB (Up to LPDDR5/x 7467 MT/s Up to DDR5 5600 MT/s)
New Laptop	Other names: Intel(R) Core(TM) Ultra 7 165H
New Server	CPU First Seen on Charts: Q4 2023
New Mobile	CPUMark/\$Price: NA
Single Thread	Overall Rank: 387th fastest in multithreading out of 4761 CPUs 232nd fastest in single threading out of 4761 CPUs 49th fastest in out of 1413 Laptop CPUs
Systems with Multiple CPUs	Last Price Change: NA
Overclocked	
Power Performance	
CPU Mark by Socket Type	
Cross-Platform CPU Performance	
Top Gaming CPUs	
CPU Mega List	
Search Model	
Compare ⁰	
Common	
Most Benchmarked	

Average CPU Mark

Multithread Rating

26273

Single Thread Rating

3531

Samples: 118*

*Margin for error: Low

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

Intel Core Ultra 5 135U

Price and performance details for the Intel Core Ultra 5 135U 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 CPU Mark 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 Intel Core Ultra 5 135U Good for Gaming?

This is a newly released CPU that contains 12 Cores and 14 Threads. The Intel Core Ultra 5 135U also has reasonable threaded performance that will serve well in games. Paired with a good [videocard](#), *is this CPU Good for Gaming?* Yes, this would be a suitable CPU for gaming. [\[More ...\]](#)

Intel Core Ultra 5 135U

Description: Intel Graphics

Class:
Laptop

Socket:

Total Cores: 12 Cores, 14 Threads

Performance Cores: 2 Cores, 4 Threads, 1.6 GHz Base, 4.4 GHz Turbo

Efficient Cores: 10 Cores, 10 Threads, 3.6 GHz Base, 3.6 GHz Turbo

Typical TDP:
28 W

TDP Down:
12 W

TDP Up
: 57 W

Cache per CI

Average CPU Mark



Multithread Rating

17562

Single Thread Rating

3346

Samples: 85*


*[Margin for error:](#) Low


+ COMPARE

RTX 1000 Ada Generation Laptop GPU

Price and performance details for the RTX 1000 Ada Generation Laptop GPU 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 videocard compared to the 10 other common videocards in terms of PassMark G3D Mark.
- The 2nd graph shows the value for money, in terms of the G3DMark per dollar.


 **VIDEO CARD**

 **High End**

High Mid Range


Low Mid Range


Low End

 **Best Value**


Common

Market Share

 **Compare** ⁰

 **Video Card Mega List**

Search Model

 **GPU Compute Video Card Chart**

Power Performance Video Card Chart

2D Graphics Video Card List

RTX 1000 Ada Generation Laptop GPU

Other names: NVIDIA RTX 1000 Ada Generation Laptop GPU (Mobile)

Videocard First Benchmarked: 2024-03-04

G3DMark/Price: NA

Overall Rank: 122

Last Price Change: NA

Average G3D Mark

