

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

Intel Core i7-12700H

Price and performance details for the Intel Core i7-12700H 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 i7-12700H

Description: Intel Iris Xe Graphics

Class: Laptop	Socket: FCBGA1744
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Total Cores: 14 Cores, 20 Threads

Performance Cores: 6 Cores, 12 Threads, 2.3 GHz Base, 4.7 GHz Turbo

Efficient Cores: 8 Cores, 8 Threads, 1.7 GHz Base, 3.5 GHz Turbo

Typical TDP: 45 W	TDP Down: 35 W
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TDP Up
: 115 W

Other names: 12th Gen Intel(R) Core(TM) i7-12700H, 12th Gen Intel Core i7-12700H

Average CPU Mark



26879

Single Thread Rating: 3676

Samples: 950*

***Margin for error:** Low

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