


CPU Benchmarks


Over 1,000,000 CPUs Benchmarked


Intel Core i3-8145U @ 2.10GHz


Price and performance details for the Intel Core i3-8145U @ 2.10GHz 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

 High End
High Mid Range
Low Mid Range
Low End

 Best Value (On Market)
Best Value XY Scatter
Best Value (All time)

 New Desktop
New Laptop

 Single Thread
Systems with Multiple CPUs
Overclocked
Power Performance
CPU Mark by Socket Type

Intel Core i3-8145U @ 2.10GHz

Description:
Intel UHD Graphics 620

Class:
Laptop

Socket:
FCBGA1528

Clockspeed:
2.1 GHz

Turbo Speed:
3.9 GHz

No of Cores:
2 (2 logical cores per physical)

TDP Down:
10 W

TDP Up
: 25 W

Typical TDP:
15 W

Other names: Intel(R) Core(TM) i3-8145U CPU @ 2.10GHz


CPU First Seen on Charts: Q4 2018

CPUmark/\$Price: 19.61

Overall Rank: 854

Last Price Change: [\\$281.00 USD](#) (2018-07-01)

Average CPU Mark


5509

Single Thread Rating: 2177
Samples: 149*
*[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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