


# 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

Overlocked

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: 19.75

Overall Rank: 813

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



5548

Single Thread Rating: 2181  
Samples: 115\*  
\*[Margin for error](#): Low

+ COMPARE

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

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