







CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

AMD Ryzen 7 3750H

Price and performance details for the AMD Ryzen 7 3750H 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.

<p> CPUS</p> <hr/> <p> High End</p> <p>High Mid Range</p> <p>Low Mid Range</p> <p>Low End</p> <hr/> <p> Best Value (On Market)</p> <p>Best Value XY Scatter</p> <p>Best Value (All time)</p> <hr/> <p> New Desktop</p> <p>New Laptop</p> <hr/> <p> Single Thread</p> <p>Systems with Multiple CPUs</p> <p>Overclocked</p>	<p>AMD Ryzen 7 3750H</p> <p>Description: with Radeon Vega Mobile Gfx Class: Laptop</p> <hr/> <p>Socket: FP5 Clockspeed: 2.3 GHz</p> <hr/> <p>Turbo Speed: 4.0 GHz Cores: 4 Threads: 8</p> <hr/> <p>TDP Down: 12 W Typical TDP: 35 W³</p> <hr/> <p>Other names: AMD Ryzen 7 3750H with Radeon Vega Mobile Gfx</p> <hr/> <p>CPU First Seen on Charts: Q2 2019</p> <hr/> <p>CPUmark/\$Price: NA</p> <hr/> <p>Overall Rank: 369</p> <hr/> <p>Last Price Change: NA</p>	<p>Average CPU Mark</p>  <p>8476</p> <p>Single Thread Rating: 2153</p> <p>Cross-Platform Rating: 11,767</p> <p>Samples: 274*</p> <p>*Margin for error: Low</p> <p>+ COMPARE</p> <p>PerformanceTest V9</p> <p>CPU Mark: 8,863 Thread: 1,946</p>
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³ Actual CPU performance may differ from the average depending on the CPU power/performance trade off specified by the vendor.

Search for AMD Ryzen 7 3750H

- Power Performance
- CPU Mark by Socket Type
- Cross-Platform CPU Performance

Search for AMD Ryzen 7 3750H from the Featured Merchants below:



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CPU Mark Relative to Top 10 Common Laptop CPUs

As of 8th of May 2020 - Higher results represent better performance

Processor	Average CPU Mark
Intel Core i7-9750H @ 2.60GHz	11,541
Intel Core i7-8750H @ 2.20GHz	10,319
Intel Core i5-9400F @ 2.90GHz	9,613
AMD Ryzen 7 3750H	8,476
AMD Ryzen 5 3550H	8,135
AMD Ryzen 7 3700U	7,415
AMD Ryzen 5 3500U	7,208
Intel Core i7-7700HQ @ 2.80GHz	6,939
AMD Ryzen 5 2500U	6,582
Intel Core i7-6700HQ @ 2.60GHz	6,484
AMD Ryzen 3 3200U	4,100

CPU Value (CPU Mark / \$Price)

As of 8th of May 2020 - Higher results represent better value

Processor	CPU Mark / \$Price
Intel Core i5-9400F @ 2.90GHz	60.09
Intel Core i7-9750H @ 2.60GHz	29.22
Intel Core i7-8750H @ 2.20GHz	26.12

Intel Core i7-7700HQ @ 2.80GHz	18.36
Intel Core i7-6700HQ @ 2.60GHz	17.15
AMD Ryzen 7 3750H	0.00
AMD Ryzen 5 3500U	0.00
AMD Ryzen 5 2500U	0.00
AMD Ryzen 5 3550H	0.00
AMD Ryzen 3 3200U	0.00
AMD Ryzen 7 3700U	0.00

Last 5 Baselines for AMD Ryzen 7 3750H

Most recent listed first

Baseline	CPU Mark
BL1234482 - May 07 2020	8372
BL1234054 - May 07 2020	8388
BL1233774 - May 06 2020	8870
BL1233762 - May 06 2020	8437
BL1233364 - May 05 2020	8607


Popular comparisons for AMD Ryzen 7 3750H

As of 8th of May 2020 - Higher results represent better performance

Processor	Average CPU Mark
AMD Ryzen 7 3750H	8,476
Intel Core i5-9400F @ 2.90GHz	9,613
Intel Core i5-8300H @ 2.30GHz	7,575
AMD Ryzen 5 3500U	7,208
AMD Ryzen 5 PRO 3500U	7,510
Intel Core i5-1035G1 @ 1.00GHz	7,815
AMD Ryzen 7 PRO 3700U	7,429
Intel Core i5-9300H @ 2.40GHz	8,129
AMD Ryzen 5 3550H	8,135
AMD Ryzen 7 3700U	7,415
Intel Core i7-10510U @ 1.80GHz	7,390
Intel Core i5-1035G4 @ 1.10GHz	8,494
Intel Core i7-1065G7 @ 1.30GHz	9,094

Intel Core i5-8365U @ 1.60GHz	6,561
Intel Core i5-10210U @ 1.60GHz	6,669
Intel Core i7-8665U @ 1.90GHz	6,650
Intel Core i7-8565U @ 1.80GHz	6,679

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CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

Intel Core i5-8265U @ 1.60GHz

Price and performance details for the Intel Core i5-8265U @ 1.60GHz 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	Intel Core i5-8265U @ 1.60GHz		Average CPU Mark
High End High Mid Range Low Mid Range Low End	Description: Intel UHD Graphics 620 Class: Laptop		6327 Single Thread Rating: 2180 Cross-Platform Rating: 10,909 Samples: 1097* * Margin for error: Low + COMPARE PerformanceTest V9 CPU Mark: 7,966 Thread: 2,126
	Socket: FCBGA1528 Clockspeed: 1.6 GHz		
	Turbo Speed: 3.9 GHz Cores: 4 Threads: 8		
	TDP Down: 10 W TDP Up: 25 W		
Best Value (On Market) Best Value XY Scatter Best Value (All time)	Typical TDP: 15 W ³		
	Other names: Intel(R) Core(TM) i5-8265U CPU @ 1.60GHz		
New Desktop New Laptop	CPU First Seen on Charts: Q2 2018		
	CPUmark/\$Price: 21.30		
Single Thread Systems with Multiple CPUs Overclocked	Overall Rank: 580		
	Last Price Change: \$297.00 USD (2018-07-01)		

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

- Power Performance
- CPU Mark by Socket Type
- Cross-Platform CPU Performance

Search for **Intel Core i5-8265U @ 1.60GHz** from the Featured Merchants below:



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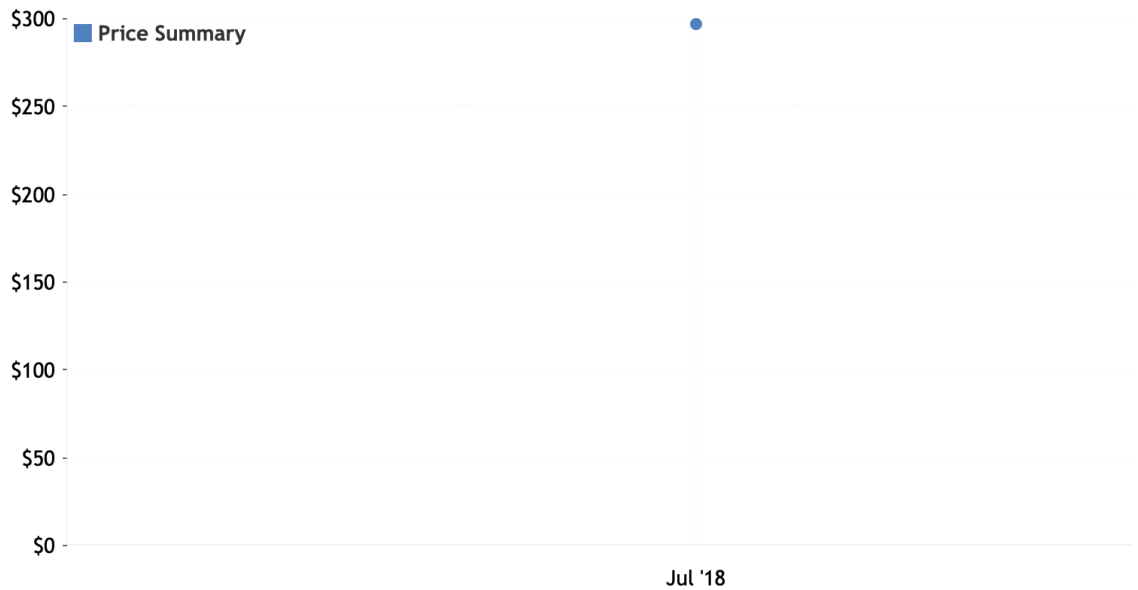
AMD vs Intel Market Share
Year on Year Performance

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Pricing History



CPU Mark Relative to Top 10 Common Laptop CPUs

As of 8th of May 2020 - Higher results represent better performance

Processor	Average CPU Mark
Intel Core i7-9750H @ 2.60GHz	11,541
Intel Core i7-8750H @ 2.20GHz	10,319
Intel Core i5-9400F @ 2.90GHz	9,613

AMD Ryzen 7 3750H	8.476
AMD Ryzen 5 3550H	8.135
AMD Ryzen 5 3500U	7.208
Intel Core i7-7700HQ @ 2.80GHz	6.939
AMD Ryzen 5 2500U	6.582
Intel Core i7-6700HQ @ 2.60GHz	6.484
Intel Core i5-8265U @ 1.60GHz	6.327
AMD Ryzen 3 3200U	4.100

CPU Value (CPU Mark / \$Price)

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Processor	CPU Mark / \$Price
Intel Core i5-9400F @ 2.90GHz	60.09
Intel Core i7-9750H @ 2.60GHz	29.22
Intel Core i7-8750H @ 2.20GHz	26.12
Intel Core i5-8265U @ 1.60GHz	21.30
Intel Core i7-7700HQ @ 2.80GHz	18.36
Intel Core i7-6700HQ @ 2.60GHz	17.15
AMD Ryzen 5 3500U	0.00
AMD Ryzen 5 2500U	0.00
AMD Ryzen 5 3550H	0.00
AMD Ryzen 3 3200U	0.00
AMD Ryzen 7 3750H	0.00

Last 5 Baselines for Intel Core i5-8265U @ 1.60GHz

Most recent listed first

Baseline	CPU Mark
BL1234358 - May 07 2020	6671
BL1234274 - May 07 2020	7743
BL1234231 - May 07 2020	4636
BL1233559 - May 06 2020	3109
BL1233526 - May 06 2020	5403

Popular comparisons for Intel Core i5-8265U @

1.60GHz

As of 8th of May 2020 - Higher results represent better performance

Processor	Average CPU Mark
Intel Core i5-8265U @ 1.60GHz	6,327
Intel Core i5-8300H @ 2.30GHz	7,575
Intel Core i7-3740QM @ 2.70GHz	5,698
Intel Core i7-3630QM @ 2.40GHz	5,187
Intel Core i5-1035G1 @ 1.00GHz	7,815
Intel Core i7-4710MQ @ 2.50GHz	5,972
Intel Core i5-8350U @ 1.70GHz	6,622
Intel Core i7-3720QM @ 2.60GHz	5,629
AMD Ryzen 5 2500U	6,582
AMD Ryzen 5 PRO 2500U	6,570
Intel Core i5-7442EQ @ 2.10GHz	4,853
AMD Ryzen 7 PRO 2700U	7,486
Intel Core i7-3820QM @ 2.70GHz	5,337
Intel Core i7-3840QM @ 2.80GHz	6,199
Intel Core i7-8565U @ 1.80GHz	6,679
Intel Core i3-1005G1 @ 1.20GHz	5,239
Intel Core i5-8400H @ 2.50GHz	8,486

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Intel Core i5-8365U @ 1.60GHz

Price and performance details for the Intel Core i5-8365U @ 1.60GHz can be found below. This is made using thousands of [PerformanceTest](#) benchmark results and is updated daily.

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- The pricing history data shows the price for a single Processor. For multiple Processors, multiply the price shown by the number of CPUs.

<p> CPUS</p> <hr/> <p> High End</p> <p>High Mid Range</p> <p>Low Mid Range</p> <p>Low End</p> <hr/> <p> Best Value (On Market)</p> <p>Best Value XY Scatter</p> <p>Best Value (All time)</p> <hr/> <p> New Desktop</p> <p>New Laptop</p> <hr/> <p> Single Thread</p> <p>Systems with Multiple CPUs</p> <p>Overclocked</p>	<p>Intel Core i5-8365U @ 1.60GHz</p> <p>Description: Intel UHD Graphics 620 Class: Laptop</p> <hr/> <p>Socket: FCBGA1528 Clockspeed: 1.6 GHz</p> <hr/> <p>Turbo Speed: 4.1 GHz Cores: 4 Threads: 8</p> <hr/> <p>TDP Down: 10 W TDP Up: 25 W</p> <hr/> <p>Typical TDP: 15 W³</p> <hr/> <p>Other names: Intel(R) Core(TM) i5-8365U CPU @ 1.60GHz</p> <hr/> <p>CPU First Seen on Charts: Q2 2019</p> <hr/> <p>CPUmark/\$Price: 9.79</p> <hr/> <p>Overall Rank: 557</p> <hr/> <p>Last Price Change: \$669.98 USD (2020-04-23)</p>	<p>Average CPU Mark</p> <div style="text-align: center;"> <p>6561</p> </div> <p>Single Thread Rating: 2178</p> <p>Cross-Platform Rating: 11,896</p> <p>Samples: 128*</p> <p>*Margin for error: Low</p> <p style="text-align: center;">+ COMPARE</p> <hr/> <p>PerformanceTest V9</p> <p>CPU Mark: 8,302 Thread: 2,242</p>
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³ Actual CPU performance may differ from the average depending on the CPU power/performance trade off specified by the vendor.

Power Performance
 CPU Mark by Socket Type
 Cross-Platform CPU Performance

Merchant	Price (USD)	Purchase
	\$669.98	BUY NOW!
	NA	CPU Not Available. See Other Models

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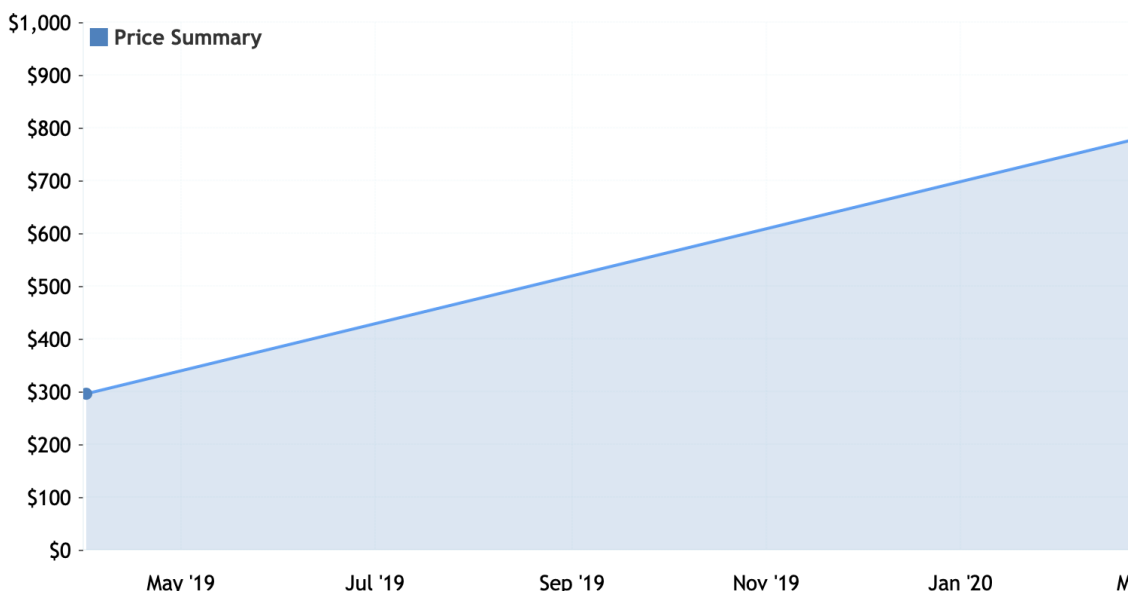
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Pricing History



CPU Mark Relative to Top 10 Common Laptop CPUs

As of 8th of May 2020 - Higher results represent better performance

Processor	Average CPU Mark
Intel Core i7-9750H @ 2.60GHz	11,541
Intel Core i7-8750H @ 2.20GHz	10,319
Intel Core i5-9400F @ 2.90GHz	9,613
AMD Ryzen 7 3750H	8,476
AMD Ryzen 5 3550H	8,135
AMD Ryzen 5 3500U	7,208

Intel Core i7-7700HQ @ 2.80GHz	6,939
AMD Ryzen 5 2500U	6,582
Intel Core i5-8365U @ 1.60GHz	6,561
Intel Core i7-6700HQ @ 2.60GHz	6,484
AMD Ryzen 3 3200U	4,100

CPU Value (CPU Mark / \$Price)

As of 8th of May 2020 - Higher results represent better value

Processor	CPU Mark / \$Price
Intel Core i5-9400F @ 2.90GHz	60.09
Intel Core i7-9750H @ 2.60GHz	29.22
Intel Core i7-8750H @ 2.20GHz	26.12
Intel Core i7-7700HQ @ 2.80GHz	18.36
Intel Core i7-6700HQ @ 2.60GHz	17.15
Intel Core i5-8365U @ 1.60GHz	9.79
AMD Ryzen 5 3500U	0.00
AMD Ryzen 5 2500U	0.00
AMD Ryzen 5 3550H	0.00
AMD Ryzen 3 3200U	0.00
AMD Ryzen 7 3750H	0.00

Last 5 Baselines for Intel Core i5-8365U @ 1.60GHz

Most recent listed first

Baseline	CPU Mark
BL1232551 - May 04 2020	6097
BL1229548 - Apr 29 2020	7545
BL1229535 - Apr 29 2020	7218
BL1227063 - Apr 24 2020	6707
BL1221537 - Apr 15 2020	5371

Popular comparisons for Intel Core i5-8365U @ 1.60GHz

As of 8th of May 2020 - Higher results represent better performance

Processor	Average CPU Mark
Intel Core i5-8365U @ 1.60GHz	6,561
Intel Core i5-10210U @ 1.60GHz	6,669
Intel Core i7-3940XM @ 3.00GHz	5,617
Intel Core i7-8665U @ 1.90GHz	6,650
Intel Core i7-4900MQ @ 2.80GHz	6,511
AMD Ryzen 5 3500U	7,208
Intel Xeon E3-1535M v5 @ 2.90GHz	7,379
Intel Core i7-10510U @ 1.80GHz	7,390
AMD Ryzen 7 3700U	7,415
AMD Ryzen 7 PRO 3700U	7,429
AMD Ryzen 5 PRO 3500U	7,510
Intel Core i7-6920HQ @ 2.90GHz	7,683
AMD Ryzen 5 3550H	8,135
Intel Core i7-4960HQ @ 2.60GHz	6,582
AMD Ryzen 5 2500U	6,582
Intel Core i7-4940MX @ 3.10GHz	6,685
Intel Core i7-7920HQ @ 3.10GHz	7,976



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CPU Benchmarks

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Intel Core i7-8565U @ 1.80GHz

Price and performance details for the Intel Core i7-8565U @ 1.80GHz 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.
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<p> CPUS</p> <hr/> <p> High End</p> <p>High Mid Range</p> <p>Low Mid Range</p> <p>Low End</p> <hr/> <p> Best Value (On Market)</p> <p>Best Value XY Scatter</p> <p>Best Value (All time)</p> <hr/> <p> New Desktop</p> <p>New Laptop</p> <hr/> <p> Single Thread</p> <p>Systems with Multiple CPUs</p> <p>Overclocked</p>	<p>Intel Core i7-8565U @ 1.80GHz</p> <p>Description: Intel UHD Graphics 620 Class: Laptop</p> <hr/> <p>Socket: FCBGA1356 Clockspeed: 1.8 GHz</p> <hr/> <p>Turbo Speed: 4.6 GHz Cores: 4 Threads: 8</p> <hr/> <p>Typical TDP: 15 W</p> <hr/> <p>Other names: Intel(R) Core(TM) i7-8565U CPU @ 1.80GHz</p> <hr/> <p>CPU First Seen on Charts: Q2 2018</p> <hr/> <p>CPUmark/\$Price: NA</p> <hr/> <p>Overall Rank: 538</p> <hr/> <p>Last Price Change: NA</p>	<p>Average CPU Mark</p> <p>6679</p> <p>Single Thread Rating: 2362</p> <p>Cross-Platform Rating: 12,741</p> <p>Samples: 1183*</p> <p>*Margin for error: Low</p> <p>+ COMPARE</p> <p>PerformanceTest V9</p> <p>CPU Mark: 8,750 Thread: 2,301</p>
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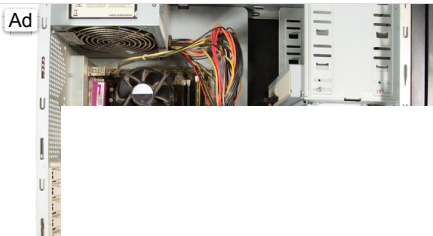
Search for Intel Core i7-8565U @ 1.80GHz

- Power Performance
- CPU Mark by Socket Type
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Intel Core i7-6700HQ @ 2.60GHz	6,484
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Intel Core i7-8750H @ 2.20GHz	26.12
Intel Core i7-7700HQ @ 2.80GHz	

		18.36
Intel Core i7-6700HQ @ 2.60GHz		17.15
Intel Core i7-8565U @ 1.80GHz		0.00
AMD Ryzen 5 3500U		0.00
AMD Ryzen 5 2500U		0.00
AMD Ryzen 5 3550H		0.00
AMD Ryzen 3 3200U		0.00
AMD Ryzen 7 3750H		0.00

Last 5 Baselines for Intel Core i7-8565U @ 1.80GHz

Most recent listed first

Baseline	CPU Mark
BL1234528 - May 07 2020	7783
BL1234220 - May 07 2020	5784
BL1233930 - May 06 2020	6415
BL1233636 - May 06 2020	6742
BL1233019 - May 05 2020	7018

Popular comparisons for Intel Core i7-8565U @ 1.80GHz

As of 8th of May 2020 - Higher results represent better performance

Processor	Average CPU Mark
Intel Core i7-8565U @ 1.80GHz	6,679
Intel Core i5-8300H @ 2.30GHz	7,575
AMD Ryzen 7 PRO 2700U	7,486
AMD Ryzen 5 PRO 2500U	6,570
Intel Core i5-8265U @ 1.60GHz	6,327
AMD Ryzen 5 2500U	6,582
AMD Ryzen Embedded V1605B	7,125
AMD Ryzen 7 2800H	7,432
Intel Core i7-8550U @ 1.80GHz	6,118
AMD Ryzen 7 PRO 3700U	7,429
AMD Ryzen 7 3700U	7,415
AMD Ryzen 5 PRO 3500U	7,510

Intel Core i7-8705G @ 3.10GHz	7,591
Intel Core i7-8650U @ 1.90GHz	6,579
AMD Ryzen Embedded V1807B	7,764
AMD Ryzen 5 3500U	7,208
AMD Ryzen 5 3550H	8,135

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CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

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CPUS	Intel Core i5-8265U @ 1.60GHz		Average CPU Mark
High End High Mid Range Low Mid Range Low End	Description: Intel UHD Graphics 620 Class: Laptop		6327 Single Thread Rating: 2180 Cross-Platform Rating: 10,909 Samples: 1097* * Margin for error: Low + COMPARE PerformanceTest V9 CPU Mark: 7,966 Thread: 2,126
	Socket: FCBGA1528 Clockspeed: 1.6 GHz		
	Turbo Speed: 3.9 GHz Cores: 4 Threads: 8		
	TDP Down: 10 W TDP Up: 25 W		
Best Value (On Market) Best Value XY Scatter Best Value (All time)	Typical TDP: 15 W ³		
	Other names: Intel(R) Core(TM) i5-8265U CPU @ 1.60GHz		
New Desktop New Laptop	CPU First Seen on Charts: Q2 2018		
	CPUmark/\$Price: 21.30		
Single Thread Systems with Multiple CPUs Overclocked	Overall Rank: 580		
	Last Price Change: \$297.00 USD (2018-07-01)		

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

- Power Performance
- CPU Mark by Socket Type
- Cross-Platform CPU Performance

Search for **Intel Core i5-8265U @ 1.60GHz** from the Featured Merchants below:



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CPU Mega List Search Model

Compare ⁰

Common Most Benchmarked

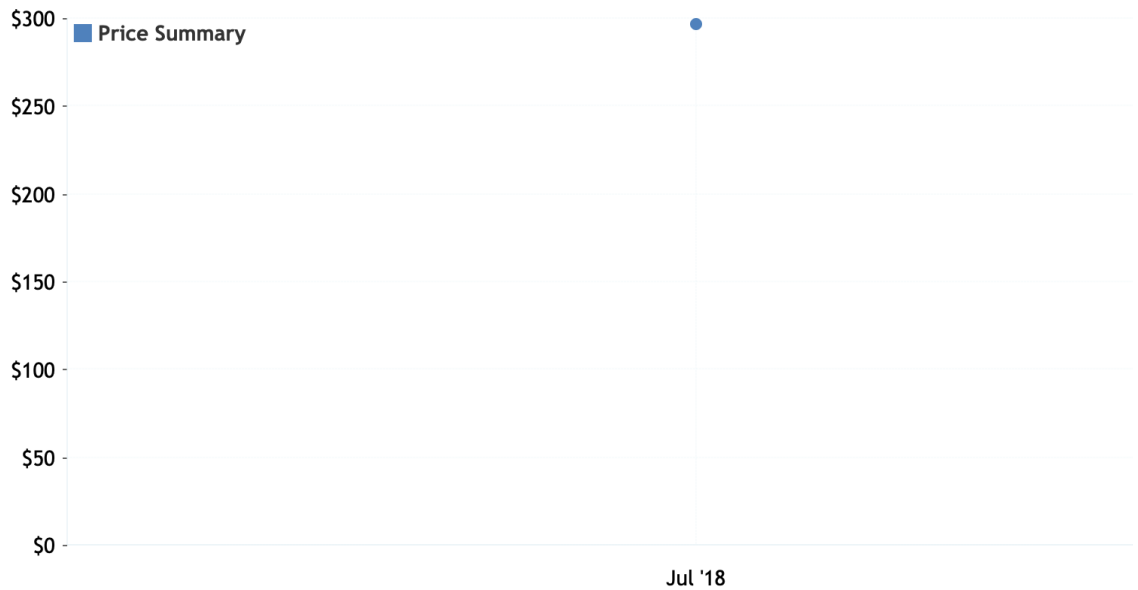
AMD vs Intel Market Share Year on Year Performance

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CPU Mark Relative to Top 10 Common Laptop CPUs

As of 8th of May 2020 - Higher results represent better performance

Processor	Average CPU Mark
Intel Core i7-9750H @ 2.60GHz	11,541
Intel Core i7-8750H @ 2.20GHz	10,319
Intel Core i5-9400F @ 2.90GHz	9,613

AMD Ryzen 7 3750H	8.476
AMD Ryzen 5 3550H	8.135
AMD Ryzen 5 3500U	7.208
Intel Core i7-7700HQ @ 2.80GHz	6.939
AMD Ryzen 5 2500U	6.582
Intel Core i7-6700HQ @ 2.60GHz	6.484
Intel Core i5-8265U @ 1.60GHz	6.327
AMD Ryzen 3 3200U	4.100

CPU Value (CPU Mark / \$Price)

As of 8th of May 2020 - Higher results represent better value

Processor	CPU Mark / \$Price
Intel Core i5-9400F @ 2.90GHz	60.09
Intel Core i7-9750H @ 2.60GHz	29.22
Intel Core i7-8750H @ 2.20GHz	26.12
Intel Core i5-8265U @ 1.60GHz	21.30
Intel Core i7-7700HQ @ 2.80GHz	18.36
Intel Core i7-6700HQ @ 2.60GHz	17.15
AMD Ryzen 5 3500U	0.00
AMD Ryzen 5 2500U	0.00
AMD Ryzen 5 3550H	0.00
AMD Ryzen 3 3200U	0.00
AMD Ryzen 7 3750H	0.00

Last 5 Baselines for Intel Core i5-8265U @ 1.60GHz

Most recent listed first

Baseline	CPU Mark
BL1234358 - May 07 2020	6671
BL1234274 - May 07 2020	7743
BL1234231 - May 07 2020	4636
BL1233559 - May 06 2020	3109
BL1233526 - May 06 2020	5403

Popular comparisons for Intel Core i5-8265U @

1.60GHz

As of 8th of May 2020 - Higher results represent better performance

Processor	Average CPU Mark
Intel Core i5-8265U @ 1.60GHz	6,327
Intel Core i5-8300H @ 2.30GHz	7,575
Intel Core i7-3740QM @ 2.70GHz	5,698
Intel Core i7-3630QM @ 2.40GHz	5,187
Intel Core i5-1035G1 @ 1.00GHz	7,815
Intel Core i7-4710MQ @ 2.50GHz	5,972
Intel Core i5-8350U @ 1.70GHz	6,622
Intel Core i7-3720QM @ 2.60GHz	5,629
AMD Ryzen 5 2500U	6,582
AMD Ryzen 5 PRO 2500U	6,570
Intel Core i5-7442EQ @ 2.10GHz	4,853
AMD Ryzen 7 PRO 2700U	7,486
Intel Core i7-3820QM @ 2.70GHz	5,337
Intel Core i7-3840QM @ 2.80GHz	6,199
Intel Core i7-8565U @ 1.80GHz	6,679
Intel Core i3-1005G1 @ 1.20GHz	5,239
Intel Core i5-8400H @ 2.50GHz	8,486

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