

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

Intel Core i5-9400 @ 2.90GHz

Price and performance details for the Intel Core i5-9400 @ 2.90GHz 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 i5-9400 @ 2.90GHz		Average CPU Mark
High End High Mid Range Low Mid Range Low End	Description: Intel UHD Graphics 630	Class: Desktop	 <h1>11823</h1> Single Thread Rating: 2397 Samples: 252* * Margin for error : Low + COMPARE
Best Value (On Market) Best Value XY Scatter Best Value (All time)	Socket: FCLGA1151-2	Clockspeed: 2.9 GHz	
New Desktop New Laptop	Turbo Speed: 4.1 GHz	No of Cores: 6	
Single Thread Systems with Multiple CPUs Overclocked Power Performance CPU Mark by Socket Type	Typical TDP: 65 W		
CPU Mega List Search Model	Other names: Intel(R) Core(TM) i5-9400 CPU @ 2.90GHz		
Compare 0	CPU First Seen on Charts: Q1 2019		
Common	CPUmark/\$Price: 57.12		
Overall Rank: 309		Last Price Change: \$206.99 USD (2020-02-27)	
<p style="text-align:center"><small>Note: PassMark Software may earn compensation for sales from links on this site through affiliate programs.</small></p>			
<p style="text-align:center">Browser adblocker software has been detected and enabled for our website. Please consider disabling it to support our site and to view current prices for the selected CPU.</p>			
<h3>Pricing History</h3> <p>\$300 - Price Summary</p>			

Most Benchmarked

Home CPU Benchmarks

- Market Share
- Year on Year Performance



CPU Mark Relative to Top 10 Common Desktop CPUs

As of 28th of February 2020 - Higher results represent better performance

Processor	Average CPU Mark
AMD Ryzen 7 2700X	16,923
Intel Core i7-8700K @ 3.70GHz	15,936
AMD Ryzen 5 2600	13,495
Intel Core i5-9400 @ 2.90GHz	11,823
Intel Core i7-4790K @ 4.00GHz	11,164
Intel Core i7-6700K @ 4.00GHz	11,108
Intel Core i7-4790 @ 3.60GHz	9,991
Intel Core i7-3770 @ 3.40GHz	9,277
AMD FX-8350 Eight-Core	8,960
AMD FX-8320 Eight-Core	8,039
AMD FX-6300 Six-Core	6,412

CPU Value (CPU Mark / \$Price)

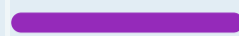
As of 28th of February 2020 - Higher results represent better value

Processor	CPU Mark / \$Price
AMD Ryzen 5 2600	114.38
AMD Ryzen 7 2700X	99.55
Intel Core i7-3770 @ 3.40GHz	84.34

[Intel Core i7-4790 @ 3.60GHz](#)[58.77](#)

CPU Benchmarks

Intel Core i5-9400 @ 2.90GHz



57.12

[AMD FX-8350 Eight-Core](#)[39.30](#)[Intel Core i7-4790K @ 4.00GHz](#)[38.50](#)[Intel Core i7-8700K @ 3.70GHz](#)[36.86](#)[Intel Core i7-6700K @ 4.00GHz](#)[35.56](#)[AMD FX-6300 Six-Core](#)[30.54](#)

Last 5 Baselines for Intel Core i5-9400 @ 2.90GHz

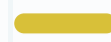
Most recent listed first

Baseline	CPU Mark
BL1355852 - Feb 28 2020	 12528
BL1355822 - Feb 27 2020	 11528
BL1355729 - Feb 27 2020	 10949
BL1355470 - Feb 27 2020	 967
BL1355464 - Feb 27 2020	 1187

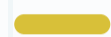
Popular comparisons for Intel Core i5-9400 @ 2.90GHz

As of 28th of February 2020 - Higher results represent better performance

Processor	Average CPU Mark
Intel Core i5-9400 @ 2.90GHz	 11,823
Intel Core i5-9600K @ 3.70GHz	 13,533
Intel Core i5-9600KF @ 3.70GHz	 13,406
AMD Ryzen 5 3400G	 9,946
Intel Core i5-9400T @ 1.80GHz	 9,646
Intel Core i5-9500T @ 2.20GHz	 10,556
Intel Core i5-8400 @ 2.80GHz	 11,559
Intel Core i5-9500F @ 3.00GHz	 13,104

[Intel Core i5-9400F @ 2.90GHz](#)[12,036](#)

[Home](#) CPU Benchmarks ▼

[AMD FX-8350 Eight-Core](#)[8,960](#)[Intel Core i5-8500T @ 2.10GHz](#)[9,976](#)[Intel Core i5-8400T @ 1.70GHz](#)[9,432](#)[AMD Ryzen 5 1600X](#)[13,204](#)[Intel Core i3-9350KF @ 4.00GHz](#)[10,546](#)[Intel Core i7-4790 @ 3.60GHz](#)[9,991](#)[Intel Core i5-9500 @ 3.00GHz](#)[11,840](#)

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