⌂ **CPU Benchmarks** ▼

CPU Benchmarks
Over 1,000,000 CPUs Benchmarked

Intel Core i5-10400T @ 2.00GHz

Price and performance details for the Intel Core i5-10400T @ 2.00GHz 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 i5-10400T @ 2.00GHz

Description: Intel UHD Graphics 630

Class: Desktop	**Socket:** FCLGA1200
Clockspeed: 2.0 GHz	**Turbo Speed:** 3.6 GHz
Cores: 6 **Threads:** 12	**Typical TDP:** 35 W
TDP Down: 25 W	

Other names: Intel(R) Core(TM) i5-10400T CPU @ 2.00GHz

CPU First Seen on Charts: Q3 2020

CPUmark/$Price: 54.81

Overall Rank: 718

Last Price Change: [$182.00 USD] (2020-04-01)

Average CPU Mark

9975

Single Thread Rating: 2163
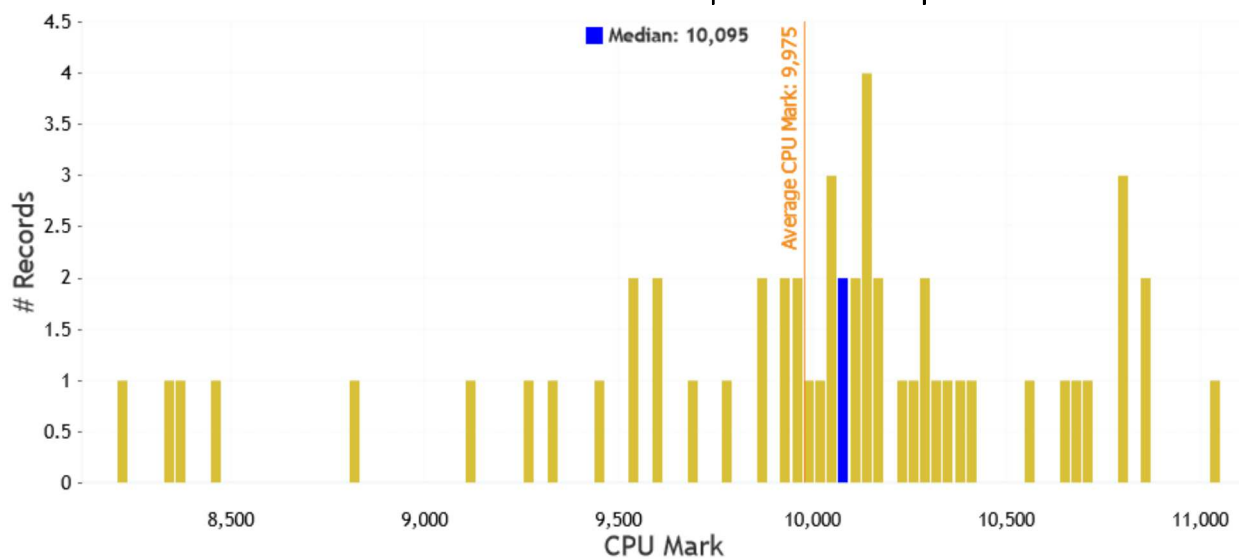Samples: 56*
*[Margin for error]: Low

[+ COMPARE]

CPU Test Suite Average Results for Intel Core i5-10400T @ 2.00GHz

Integer Math	33,974 MOps/Sec

🏠 **CPU Benchmarks** ▼

Find Prime Numbers	27 Million Primes/Sec
Random String Sorting	19 Thousand Strings/Sec
Data Encryption	3,433 MBytes/Sec
Data Compression	148.3 MBytes/Sec
Physics	545 Frames/Sec
Extended Instructions	10,254 Million Matrices/Sec
Single Thread	2,163 MOps/Sec

From submitted results to PerformanceTest V10 as of 8th of September 2022.

CPU Mark Distribution for Intel Core i5-10400T @ 2.00GHz

Submitted Baseline Distribution Graph as of 7th of September 2022

From submitted results to PerformanceTest V10 as of 7th of September 2022.
For distribution graph only: Results are trimmed to exclude outliers by disregarding the bottom 1% and top 1% of submissions.
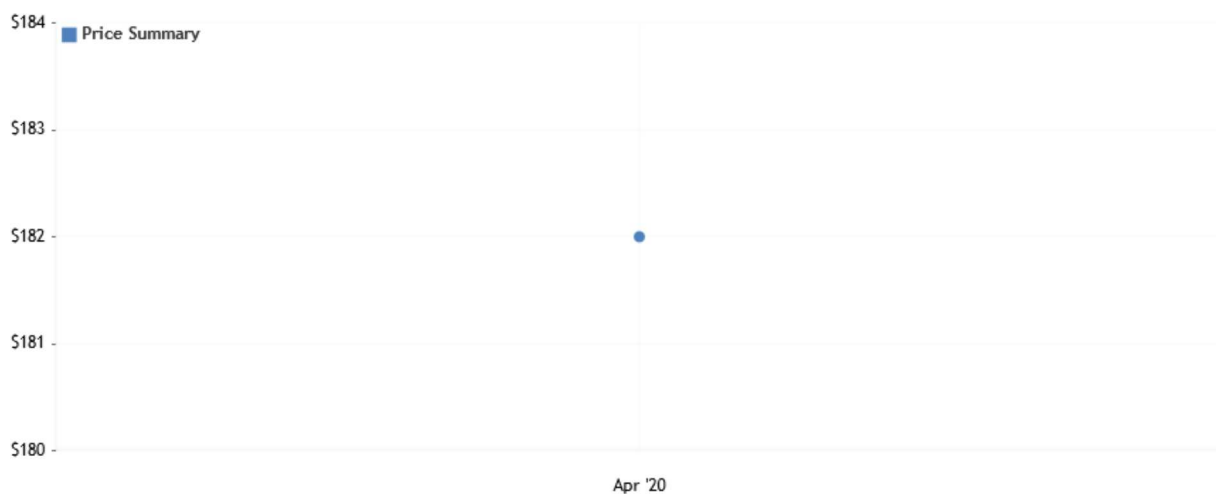
Search for Intel Core i5-10400T @ 2.00GHz

from the Featured Merchants below:

Note: PassMark Software may earn compensation for sales from links on this site through affiliate programs.

⌂ **CPU Benchmarks** ▼

$184 - ■ Price Summary

$183 -

$182 - ●

$181 -

$180 -

Apr '20

Machines with this CPU (or similar)

	[Intel NUC 11 NUC11PAHi5 Home & Business Desktop Mainsteam Kit, Barebone，Intel Core i5-1135G7 4-Core, 2.4 GHz – 4.2 GHz Turbo，28W Intel Iris X Graphics, No RAM, No SSD, NO OS, Add't Components Needed.](#)	$505.00 (www.amazon.com)
	[Dell OptiPlex 3000 3080 Desktop Computer - Intel Core i5 10th Gen i5-10500T Hexa-core (6 Core) 2.30 GHz - 8 GB RAM DDR4 SDRAM - 256 GB NVMe M.2 PCI Express M.2 SSD - Micro PC - Black](#)	$735.98 (www.amazon.com)
	[Lenovo IdeaCentre 5i All-in-One Business Desktop, 23.8" FHD IPS Touchscreen, Intel Core i5-10400T, 32GB RAM, 1TB PCIe SSD, Webcam, HDMI, Wireless Keyboard&Mouse, Wi-Fi, Windows 11 Pro](#)	$1159.00 (www.amazon.com)
	[Dell OptiPlex 3080 Micro Form Factor Desktop, Intel Core i5-10500T, 8GB DDR4 RAM, 256GB SSD, Windows 10 Pro, Intel 3165 802.11ac dual band 1x1 + Bluetooth 4.2](#)	$765.00 (www.amazon.com)
	[SkyTech Shadow Gaming Computer PC Desktop - Ryzen 5 3600 6-Core 3.6GHz, 1660 Super 6G, 1TB SSD, 16GB DDR4 3000, RGB Fans, AC WiFi, Windows 10 Home 64-bit, Black](#)	$910.48 (www.amazon.com)

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CPU Mark Relative to Top 10 Common Desktop CPUs

As of 8th of September 2022 - Higher results represent better performance

Processor	Average CPU Mark	
[AMD Ryzen 7 3700X](#)		[22,714](#)
[Apple M1 Max 10 Core 3200 MHz](#)		[22,292](#)
[Apple M1 Pro 10 Core 3200 MHz](#)		[22,069](#)
[AMD Ryzen 5 5600X](#)		[21,979](#)
[Intel Core i7-10700K @ 3.80GHz](#)		[19,201](#)

Intel Core i9-9900K @ 3.60GHz		18,640

🏠 **CPU Benchmarks** ▼

Intel Core i7-9700K @ 3.60GHz		14,556
Apple M1 8 Core 3200 MHz		14,494
Intel Core i7-8700K @ 3.70GHz		13,806
Intel Core i5-10400T @ 2.00GHz		9,975

CPU Value (CPU Mark / $Price)

As of 8th of September 2022 - Higher results represent better value

Processor	CPU Mark / $Price	
AMD Ryzen 5 3600		125.49
AMD Ryzen 5 5600X		113.30
AMD Ryzen 7 3700X		81.47
Intel Core i7-10700K @ 3.80GHz		71.94
Intel Core i5-10400T @ 2.00GHz		54.81
Intel Core i7-8700K @ 3.70GHz		41.84
Intel Core i7-9700K @ 3.60GHz		32.71
Intel Core i9-9900K @ 3.60GHz		32.70
Apple M1 8 Core 3200 MHz		NA
Apple M1 Max 10 Core 3200 MHz		NA
Apple M1 Pro 10 Core 3200 MHz		NA

Single Thread Rating

As of 8th of September 2022 - Higher results represent better performance

Processor	Average Thread Rating	
Apple M1 Max 10 Core 3200 MHz		3,849
Apple M1 Pro 10 Core 3200 MHz		3,833
Apple M1 8 Core 3200 MHz		3,751
AMD Ryzen 5 5600X		3,355

Intel Core i7-10700K @ 3.80GHz		3,071

⌂ **CPU Benchmarks** ▼

Intel Core i7-9700K @ 3.60GHz		2,895
Intel Core i7-8700K @ 3.70GHz		2,757
AMD Ryzen 7 3700X		2,666
AMD Ryzen 5 3600		2,570
Intel Core i5-10400T @ 2.00GHz		2,163

Last 5 Baselines for Intel Core i5-10400T @ 2.00GHz

Most recent listed first

Baseline	CPU Mark	
BL1622890 - Sep 02 2022		10806
BL1604711 - Jul 31 2022		10817
BL1604237 - Jul 30 2022		9603
BL1603488 - Jul 29 2022		8836
BL1603388 - Jul 29 2022		8373

Popular comparisons for Intel Core i5-10400T @ 2.00GHz

As of 8th of September 2022 - Higher results represent better performance

Processor	Average CPU Mark	
Intel Core i5-10400T @ 2.00GHz		9,975
Intel Core i5-10400 @ 2.90GHz		12,305
AMD Ryzen 5 1600		12,324
AMD Ryzen 3 3100		11,650
Intel Core i5-10500T @ 2.30GHz		10,292
Intel Core i5-10600T @ 2.40GHz		11,210
AMD Ryzen 5 5600X		21,979
Intel Core i5-10400F @ 2.90GHz		12,389
Intel Core i7-5930K @ 3.50GHz		10,339

Intel Core i7-5820K @ 3.30GHz		9,827

🏠 **CPU Benchmarks** ▼

AMD Ryzen 5 1400		7,787
Intel Core i5-9600K @ 3.70GHz		10,780

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OSForensics
MemTest86
WirelessMon
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