CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

Intel Core i7-1260P

Price and performance details for the Intel Core i7-1260P 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.

Is the Intel Core i7-1260P Good for Gaming?

This is relatively new CPU that contains 12 Cores and 16 Threads. The Intel Core i7-1260P also has reasonable threaded performance that will serve well in games. Paired with a good videocard, *is this CPU Good for Gaming?* Yes, this would be a suitable CPU for gaming. [More ...]

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

Cross-Platform CPU Performar

Top Gami

Intel Core i7-1260P

Description: Intel Iris Xe Graphics G7

Class:	**Socket:**
Laptop	FCBGA1744

Total Cores: 12 Cores, 16 Threads

Performance Cores: 4 Cores, 8 Threads, 2.1 GHz Base, 4.7 GHz Turbo

Efficient Cores: 8 Cores, 8 Threads, 1.5 GHz Base, 3.4 GHz Turbo

Typical TDP:	**TDP Up**
28 W	: 64 W

Cache per CPU Package:	**Cache per Eff. CPU Package:**
L1 Instruction Cache: 4 x 32 KB L1 Data Cache: 4 x 48 KB L2 Cache: 4 x 1280 KB L3 Cache: 18 MB	Eff. L1 Instruction Cache: 8 x 64 KB Eff. L1 Data Cache: 8 x 32 KB Eff. L2 Cache: 2 x 2048 KB

Memory Support: Max. Memory Size: 64 GB (Up to DDR5 4800 MT/s, Up to DDR4 3200 MT/s, Up to)

Average CPU Mark

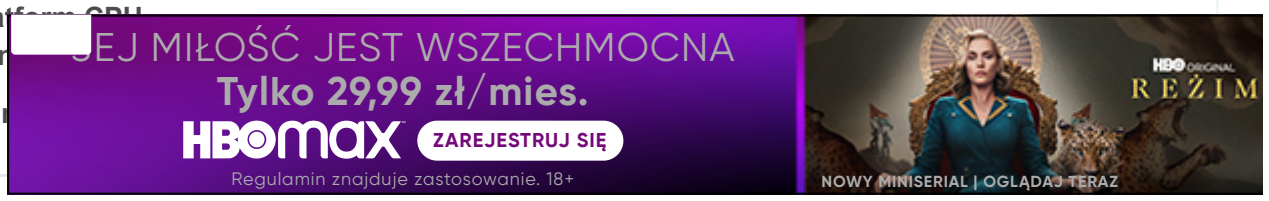
17212

Single Thread Rating: 3323

Samples: 1208*

*Margin for error: Low

+ COMPARE





CPU First Seen on Charts: Q1 2022

Overall Rank: 652

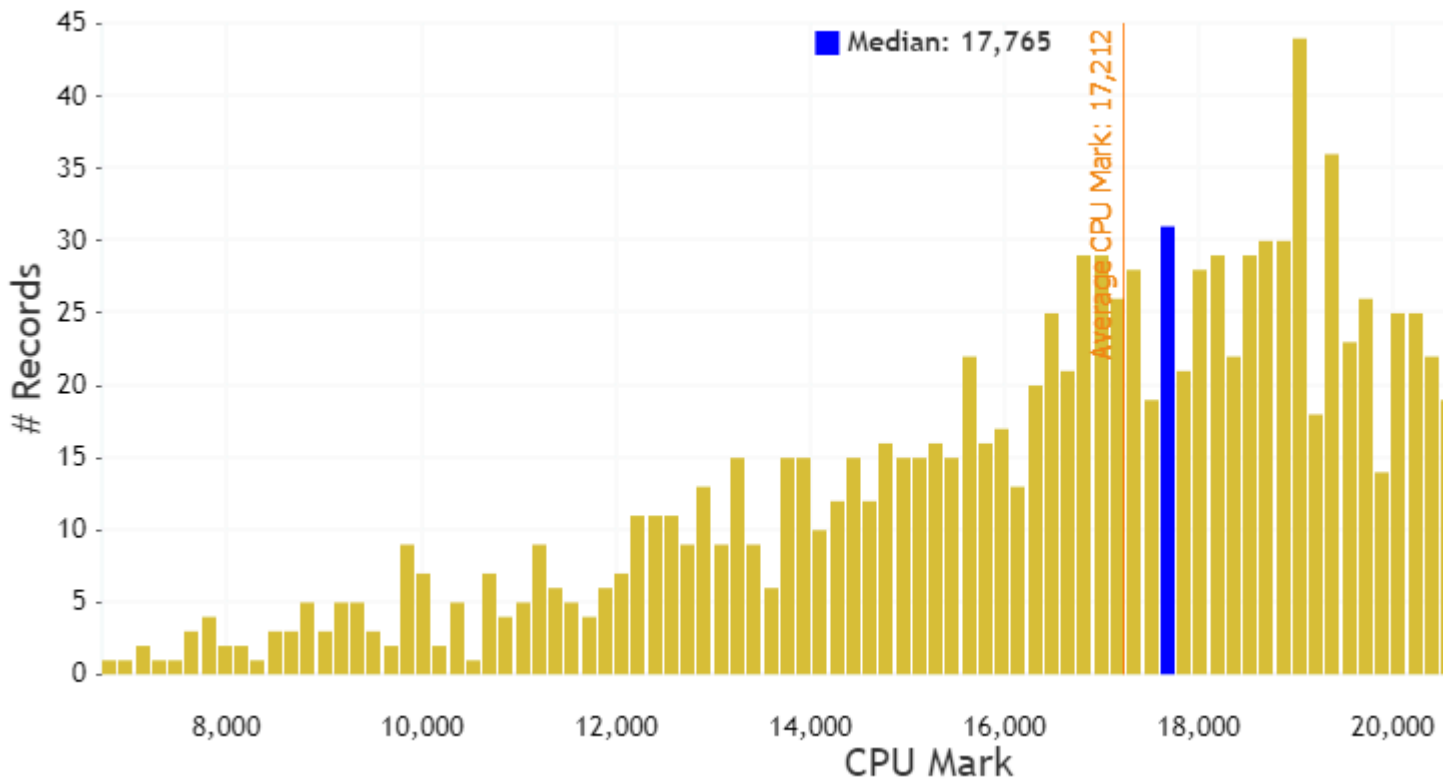
Last Price Change: NA

CPU Test Suite Average Results for Intel Core i7-1260P

Integer Math	63,747 MOps/Sec
Floating Point Math	43,329 MOps/Sec
Find Prime Numbers	65 Million Primes/Sec
Random String Sorting	21,096 Thousand Strings/Sec
Data Encryption	11,517 MBytes/Sec
Data Compression	187,210 KBytes/Sec
Physics	1,128 Frames/Sec
Extended Instructions	10,737 Million Matrices/Sec
Single Thread	3,323 MOps/Sec

From submitted results to PerformanceTest V10 as of 5th of March 2024.

CPU Mark Distribution for Intel Core i7-1260P



From submitted results to PerformanceTest V10 as of 2nd of March 2024.

For distribution graph only: Results are trimmed to exclude outliers by disregarding the bottom 1% and top 1% of submissions.

Ad

Serwery dla komorników

Search for Intel Core i7-1260P

from the Featured Merchants below:

amazon

newegg

BEST BUY

ebay

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

Machines with this CPU (or similar)

	ASUS VivoBook 15 Slim Laptop, 15.6" FHD Display, Intel Core i7-1260P CPU, Intel Iris Xe Graphics, 8GB RAM, 512GB SSD, Fingerprint Sensor, Windows 11 Home, Quiet Blue, F1502ZA-DS72	$539.00 (www.amazon.com)
	Acer Aspire 5 A515-57G-735F Slim Laptop | 15.6" Full HD IPS | Intel Core i7-1260P | NVIDIA GeForce RTX 2050 | 16GB DDR4 | 512GB SSD | Wi-Fi 6 | Thunderbolt 4 | Fingerprint Reader | Backlit KB | Win 11	$849.00 (www.amazon.com)
	Lenovo ThinkPad X1 Carbon Gen 10 Intel Core i7-1260P, 14" WUXGA (1920x1200) Low Power IPS 400nits Anti-Glare, Touch, 16GB RAM, 1TB NVMe SSD, Backlit KYB Fingerprint Reader, Win11 Pro	$1350.00 (www.amazon.com)
	HP 2023 15.6" Touchscreen FHD IPS Laptop (Intel i7-1260P 12-Core 2.10GHz, 32GB RAM, 2TB PCIe SSD, Intel Iris Xe, Backlit Keyboard, WiFi 6, BT 5.2, Win 11 Pro) with Dockztorm Dock	$949.99 (www.amazon.com)
	LG Gram 14" IPS LCD WUXGA (1920 x 1200) Intel Evo Platform Laptop | 12thGen Intel Core i7-1260P | Backlit Keyboard | Fingerprint Reader | Windows 11 (Black, 16GB RAM | 512GB SSD)	$959.99 (www.amazon.com)

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

CPU Mark Relative to Top 10 Common Laptop CPUs

As of 6th of March 2024 - Higher results represent better performance

Processor	Average CPU Mark	
Apple M1 Max 10 Core 3200 MHz		22,013
AMD Ryzen 7 5800H		21,090
Intel Core i7-11800H @ 2.30GHz		20,680
AMD Ryzen 7 4800H		18,605
		17,212
		17,087

Apple M2 8 Core 3500 MHz		15,380
Intel Core i7-10750H @ 2.60GHz		11,973
Intel Core i7-9750H @ 2.60GHz		10,911
Intel Core i5-1135G7 @ 2.40GHz		9,859

CPU Value (CPU Mark / $Price)

As of 6th of March 2024 - Higher results represent better value

Processor		CPU Mark / $Price
Intel Core i7-11800H @ 2.30GHz		52.35
Intel Core i5-1135G7 @ 2.40GHz		31.91
Intel Core i7-9750H @ 2.60GHz		11.37
Intel Core i7-1260P		NA
Apple M1 8 Core 3200 MHz		NA
Apple M2 8 Core 3500 MHz		NA
Apple M1 Max 10 Core 3200 MHz		NA
AMD Ryzen 7 5800H		NA
AMD Ryzen 7 4800H		NA
AMD Ryzen 5 5600H		NA
Intel Core i7-10750H @ 2.60GHz		NA

Single Thread Rating

As of 6th of March 2024 - Higher results represent better performance

Processor		Average Thread Rating
Apple M2 8 Core 3500 MHz		3,932
Apple M1 Max 10 Core 3200 MHz		3,840
Apple M1 8 Core 3200 MHz		3,705
Intel Core i7-1260P		3,323
Intel Core i7-11800H @ 2.30GHz		3,091
		3,050

AMD Ryzen 5 5600H		2,957
Intel Core i7-10750H @ 2.60GHz		2,672
AMD Ryzen 7 4800H		2,617
Intel Core i7-9750H @ 2.60GHz		2,438

Last 5 Baselines for Intel Core i7-1260P

Most recent listed first

Baseline	CPU Mark	
BL2041056 - Mar 03 2024		19008
BL2040136 - Mar 02 2024		14435
BL2039896 - Mar 02 2024		21985
BL2037711 - Feb 29 2024		18750
BL2037645 - Feb 29 2024		18736

Additional baselines can be obtained using Windows version of PerformanceTest's Manage Baselines feature.

Popular comparisons for Intel Core i7-1260P

As of 6th of March 2024 - Higher results represent better performance

Processor	Average CPU Mark	
Intel Core i7-1260P		17,212
Intel Core i5-12500H vs Intel Core i7-1260P		21,440 *(+24.6%)*
AMD Ryzen 7 4700U vs Intel Core i7-1260P		13,433 *(-22.0%)*
Intel Core i5-1250P vs Intel Core i7-1260P		20,279 *(+17.8%)*
AMD Ryzen 5 6600H vs Intel Core i7-1260P		18,940 *(+10.0%)*
Intel Core i7-1270P vs Intel Core i7-1260P		17,483 *(+1.6%)*
Intel Core i5-12450H vs Intel Core i7-1260P		17,354 *(+0.8%)*
Intel Core i5-1240P vs Intel Core i7-1260P		17,308 *(+0.6%)*
AMD Ryzen 5 5600H vs Intel Core i7-1260P		17,087 *(-0.7%)*
		16,729 *(-2.8%)*
		15,380 *(-10.6%)*

AMD Ryzen 5 5560U vs Intel Core i7-1260P		15,088 *(-12.3%)*

Is the Intel Core i7-1260P Good for Gaming?

As of 6th of March 2024 - Higher results represent better performance

Processor	Relative Gaming Score	
Intel Core i7-14650HX		7,167
Intel Core i9-13950HX		7,037
Intel Core i9-14900HX		7,016
Intel Core i9-13900HX		6,892
AMD Ryzen 9 7945HX3D		6,880
Intel Core Ultra 7 165H		6,782
Intel Core i9-13980HX		6,680
Intel Core i9-13905H		6,403
Intel Core i7-13850HX		6,355
Intel Core i9-13900HK		6,222
Intel Core Ultra 9 185H		5,993
Intel Core i7-13800H		5,950
Intel Core i7-1260P		2,970

Ad

Serwery dla komorników

Poznaj jakość firmy której zaufało już Ponad 15 tysięcy firm i

Copyright © 2024 PassMark® Software