


CPU Benchmarks


Over 1,000,000 CPUs Benchmarked

Intel Xeon Gold 6226R @ 2.90GHz

Price and performance details for the Intel Xeon Gold 6226R @ 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

 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 Performance

 CPU Mega List

Search Model

 Compare

0

Intel Xeon Gold 6226R @ 2.90GHz

Description:

Class:

Server

Socket:

FCLGA3647

Clockspeed:

2.9 GHZ

Turbo Speed:

3.9 GHZ

Cores:

16

Threads:

32

Typical TDP:

150 W

Other names:

Intel(R) Xeon(R) Gold 6226R CPU @ 2.90GHz, Intel Xeon Gold 6226R CPU @ 2.90GHz

CPU First Seen on Charts:

Q2 2020

CPUmark/\$Price:

18.30

Overall Rank:

150


Last Price Change:

[\\$1,497.50 USD](#) (2022-06-12)

CPU Test Suite Average Results for Intel Xeon Gold 6226R @ 2.90GHz

Integer Math	103,732 MOps/Sec
Floating Point Math	64,645 MOps/Sec
Find Prime Numbers	104 Million Primes/Sec

Average CPU Mark



27406

Single Thread Rating: 2305

Samples: 13*

*[Margin for error:](#) Medium

+ COMPARE

Random String Sorting	57 Thousand Strings/Sec
Data Compression	435.8 MBytes/Sec
Physics	1,609 Frames/Sec
Extended Instructions	29,170 Million Matrices/Sec
Single Thread	2,305 MOps/Sec
From submitted results to PerformanceTest V10 as of 13th of July 2022.	

CPU Mark Distribution for Intel Xeon Gold 6226R @ 2.90GHz



Submitted Baseline Distribution Graph as of 7th of July 2022

Not Enough Data from Current Version of PerformanceTest to Create Distribution Graph.

From submitted results to PerformanceTest V10 as of 7th of July 2022.

Serwery Della

Rozbudowany konfigurator serwerów rack i tower Della rabaty.

Merchant	Price	Purchase
	\$1,574.00 USD	BUY NOW!
	\$1,497.50 USD	BUY NOW!

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Pricing History



CPU Mark Relative to Top 10 Common Server CPUs

As of 13th of July 2022 - Higher results represent better performance

Processor	Average CPU Mark	
AMD EPYC 7J13		86,006
AMD EPYC 7713		85,861
AMD EPYC 7443P		57,755
AMD EPYC 7502P		48,995
AMD EPYC 73F3		46,085
Intel Xeon Gold 6226R @ 2.90GHz		27,406
Intel Xeon E5-2650 v2 @ 2.60GHz		9,995
Intel Xeon E5-2689 @ 2.60GHz		9,767
Intel Xeon E5-1650 v2 @ 3.50GHz		9,310
Intel Xeon E5-2620 v3 @ 2.40GHz		7,912
Intel Xeon E5-1620 @ 3.60GHz		5,864

CPU Value (CPU Mark / \$Price)

As of 13th of July 2022 - Higher results represent better value

Processor	CPU Mark / \$Price	
Intel Xeon E5-2620 v3 @ 2.40GHz		134.11
Intel Xeon E5-2650 v2 @ 2.60GHz		124.94
Intel Xeon E5-2689 @ 2.60GHz		53.44

Intel Xeon E5-1650 v2 @ 3.50GHz		39.11
Intel Xeon E5-1620 @ 3.60GHz		32.59
AMD EPYC 7502P		30.36

AMD EPYC 7713		19.08
Intel Xeon Gold 6226R @ 2.90GHz		18.30
AMD EPYC 73F3		11.25
AMD EPYC 7J13		NA

Single Thread Rating

As of 13th of July 2022 - Higher results represent better performance

Processor	Average Thread Rating	
AMD EPYC 7443P		2,966
AMD EPYC 73F3		2,878
AMD EPYC 7713		2,727
AMD EPYC 7J13		2,387
Intel Xeon Gold 6226R @ 2.90GHz		2,305
Intel Xeon E5-1650 v2 @ 3.50GHz		2,027
AMD EPYC 7502P		1,894
Intel Xeon E5-1620 @ 3.60GHz		1,774
Intel Xeon E5-2620 v3 @ 2.40GHz		1,691
Intel Xeon E5-2650 v2 @ 2.60GHz		1,675
Intel Xeon E5-2689 @ 2.60GHz		1,572

Last 5 Baselines for Intel Xeon Gold 6226R @ 2.90GHz

Most recent listed first


Baseline	CPU Mark	
BL5018903 - Jul 11 2022		29352
BL1585998 - Jun 24 2022		27596

BL1557162 - Apr 27 2022		29512
BL5009459 - Dec 13 2021		28945

Popular comparisons for Intel Xeon Gold 6226R @ 2.90GHz

As of 13th of July 2022 - Higher results represent better performance

Processor	Average CPU Mark
Intel Xeon Gold 6226R @ 2.90GHz	27,406
Intel Xeon W-2295 @ 3.00GHz	31,595
Intel Xeon Gold 6208U @ 2.90GHz	26,901
AMD EPYC 7302P	32,480
AMD EPYC 7371	31,094
AMD EPYC 7302	33,015
Intel Xeon Gold 5218 @ 2.30GHz	22,117
Intel Xeon Gold 5317 @ 3.00GHz	28,580
Intel Xeon Gold 5220 @ 2.20GHz	25,740
Intel Xeon Gold 5218R @ 2.10GHz	25,190
Intel Xeon Gold 6130 @ 2.10GHz	20,721
Intel Xeon Gold 5317 @ 3.00GHz	28,580
AMD EPYC 7313	40,793



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