

Family	Ryzen Threadripper
Generation	Ryzen Threadripper
Series	1000 Series
Model	AMD Ryzen Threadripper 1920X
Platform	Boxed Processor
Release Date	7/31/2017
CPU Cores	12
Threads	24
Base Clock	3.5GHz
Max. Boost Clock	Up to 4.0GHz
L1 Cache	1152KB
L2 Cache	6MB
L3 Cache	32MB
Unlocked for Overclocking	Yes
Processor Technology for CPU Cores	14nm
CPU Socket	sTR4
Socket Count	1P
PCI Express Version	PCIe 3.0
Default TDP	Not included
Configurable TDP	180W
Max. Operating Temperature (Tjmax)	68°C
*OS Support	Windows 10 - 64-Bit Edition, RHEL x86 64-Bit, Ubuntu x86 64-Bit *Operating System (OS) support will vary by manufacturer.
RAM Type	Up to 2667MHz
Supported RAM	DDR4
Memory Channels	4
Graphics Model	Discrete Graphics Card Required
Supported Technologies	AMD SenseMI Technology, AMD "Zen" Core Architecture, AMD Ryzen™ Master Utility, AMD Ryzen™ VR-Ready Premium, Virtualization, Enmotus FuzeDrive™ for AMD Ryzen™, AES, AVX2, FMA3
Cinebench R23 Single Core	1222
Cinebench R23 Multi Core	25290
Geekbench5 Single Core	936
Geekbench5 Multi Core	5951
CPU PassMark	17,752

## If you Want to check Benchmarks

### Ryzen Desktop Processors

#### Ryzen 3

1000 Series  
2000 Series  
3000 Series  
4000 Series  
5000 Series  
7000 Series

#### Ryzen 5

1000 Series  
2000 Series  
3000 Series  
4000 Series  
5000 Series  
7000 Series

#### Ryzen7

1000 Series  
2000 Series  
3000 Series  
4000 Series  
5000 Series  
7000 Series

#### Ryzen 9

3000 Series  
5000 Series  
7000 Series

### AMD Server Processors

EPYC 7001 Series

EPYC 7002 Series

EPYC 7003 Series

EPYC 9004 Series

**AMD Athlon Processors**

**Desktop Laptop**

**AMD Threadripper Processors**

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