

Family	Ryzen Threadripper
Generation	Ryzen Threadripper
Series	1000 Series
Model	AMD Ryzen Threadripper 1900X
Platform	Boxed Processor
Release Date	8/31/2017
CPU Cores	8
Threads	16
Base Clock	3.8GHz
Max. Boost Clock	Up to 4.0GHz
L1 Cache	768KB
L2 Cache	4MB
L3 Cache	16MB
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 Ryzen™ VR-Ready Premium, Virtualization, Enmotus FuzeDrive™ for AMD Ryzen™, AES, AVX2, XFR (Extended Frequency Range)
Cinebench R23 Single Core	1195
Cinebench R23 Multi Core	21449
Geekbench5 Single Core	918
Geekbench5 Multi Core	4753
CPU PassMark	16,764

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

AMD Threadripper Processors

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