

Family	Ryzen Threadripper
Generation	Ryzen Threadripper
Series	1000 Series
Model	AMD Ryzen Threadripper 1950X
Platform	Boxed Processor
Release Date	7/31/2017
CPU Cores	16
Threads	32
Base Clock	3.4GHz
Max. Boost Clock	Up to 4.0GHz
L1 Cache	1536KB
L2 Cache	8MB
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	1278
Cinebench R23 Multi Core	31364
Geekbench5 Single Core	941
Geekbench5 Multi Core	6128
CPU PassMark	19,179

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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