

Family	Ryzen Threadripper
Generation	Ryzen Threadripper
Series	3000 Series
Model	AMD Ryzen Threadripper 3970X
Platform	Boxed Processor
Release Date	11/25/2019
CPU Cores	32
Threads	64
Base Clock	3.7GHz
Max. Boost Clock	Up to 4.5GHz
L1 Cache	2048KB
L2 Cache	16MB
L3 Cache	128MB
Unlocked for Overclocking	Yes
Processor Technology for CPU Cores	TSMC 7nm FinFET
CPU Socket	sTRX4
Socket Count	1P
PCI Express Version	PCIe 4.0
Default TDP	Not included
Configurable TDP	280W
Max. Operating Temperature (Tjmax)	95°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 3200MHz
Supported RAM	DDR4
Memory Channels	4
Graphics Model	Discrete Graphics Card Required
Supported Technologies	AMD "Zen" Core Architecture, AMD Ryzen™ Master Utility
Cinebench R23 Single Core	1481
Cinebench R23 Multi Core	62825
Geekbench5 Single Core	1341
Geekbench5 Multi Core	8732
CPU PassMark	44,871

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

Desktop Laptop