Specifications

# of CPU Cores
12

# of Threads
24

Base Clock
3.8GHz

Max Boost Clock
Up to 4.6GHz

Total L1 Cache
768KB

Total L2 Cache
6MB

Total L3 Cache
64MB

Unlocked
Yes

CMOS
TSMC 7nm FinFET

Package
AM4

PCI Express Version
PCIe 4.0 x16

Thermal Solution (PIB)
Wraith Prism with RGB LED

Thermal Solution (MPK)
Wraith PRISM

Default TDP / TDP
105W

Max Temps
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.

System Memory
System Memory Specification
Up to 3200MHz

System Memory Type
DDR4

Memory Channels
2

Foundation
Product Family
AMD Ryzen Processors

Product Line
AMD Ryzen 9 Desktop Processors

Platform
Boxed Processor

OPN Tray
100-000000023

OPN PIB
100-100000023BOX

OPN MPK
100-100000023MPK