

AMD Ryzen™ 5 3600

General Specifications

Platform

Boxed Processor

Product Family

AMD Ryzen™ Processors

Product Line

AMD Ryzen™ 5 Desktop Processors

of CPU Cores

6

of Threads

12

Max. Boost Clock

Up to 4.2GHz

Base Clock

3.6GHz

Total L1 Cache

384KB

Total L2 Cache

3MB

Total L3 Cache

32MB

Default TDP

65W

CMOS

TSMC 7nm FinFET

Unlocked for Overclocking

Yes

CPU Socket

AM4

Thermal Solution (PIB)

Wraith Stealth

Thermal Solution (MPK)

Wraith Stealth

Max. Operating Temperature (Tjmax)

95°C

Launch Date

7/7/2019

*OS Support

Windows 10 - 64-Bit Edition

RHEL x86 64-Bit

Ubuntu x86 64-Bit

*Operating System (OS) support will vary by manufacturer.

Connectivity

PCI Express® Version

PCIe 4.0 x16

System Memory Type

DDR4

Memory Channels

2

System Memory Specification

Up to 3200MHz

Product IDs

Product ID Boxed

100-100000031BOX

Product ID Tray

100-000000031

Product ID MPK

100-100000031MPK