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Product Specification Sheet

100-100001084WOF

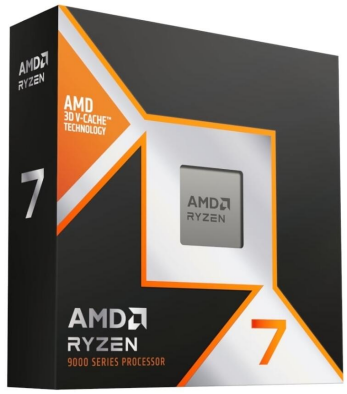
AMD Ryzen 7 9800X3D AM5 8 Core 4.7GHz up to 5.2GHz 96MB L3 Cache Gaming Processor

Product Overview

AMD Ryzen 7 9800X3D AM5 8 Core 4.7GHz up to 5.2GHz 96MB L3 Cache Gaming Processor, 8 CPU Cores, 16 threads, 640KB L1 Cache, 8MB L2 Cache, 96MB L3 Cache, 120W Default TDP, TSMC 4nm FinFET, Unlocked for Overclocking, AMD Radeon Graphics 2200MHz, No Heatsink and fan







Specifications

Overview:

AMD Ryzen 7 9800X3D AM5 8-Core 4.7GHz Gaming Processor

Introducing one of the world's most advanced gaming desktop processors, the AMD Ryzen 7 9800X3D Series processor, now with AMD 3D V-Cache technology to push your gaming to new frontiers. Boosted by AMD's advanced "Zen 5" architecture and 4nm technology, you'll feel unmatched power in every moment of high-performance gaming.

AMD Ryzen 7 9800X3D Series processors are built with exclusive AMD 3D V-Cache technology, enabling the largest on-chip memory available in its class: 104 Megabytes. You'll feel insane performance on any game with AMD EXPO technology, designed for increased frequencies to unlock higher and smoother frame rates.

The AMD Ryzen 7 9800X3D Series processor is made with gamers in mind. It's designed for the AM5 platform, enabled with the fastest DDR5 memory speeds, and equipped with PCIe 5.0 for incredible bandwidth. This long-life platform evolves alongside the most demanding games and next-gen processors so you can upgrade your game quickly and easily.

Unlock the potential of your PC with AI-ready AMD Ryzen processors. Bring incredible speed to every element of your rig,

including productivity and content creation, with built-in AI acceleration and enhanced AI capabilities.

Features:

- Boost Clock up to 5.2GHz
- 8 Cores / 16 Threads
- Latest AM5 Platform
- PCIe 5.0 and DDR5 Support
- AMD 3D V-Cache Technology
- AMD Radeon Graphics
- AMD EXPO Technology
- AMD Ryzen Technologies

SPECIFICATIONS:

- Platform: Desktop
- Product Line: AMD Ryzen 7 Processors
- # of CPU Cores: 8
- # of Threads: 16
- Max. Boost Clock: Up to 5.2GHz
- Base Clock: 4.7GHz
- Graphics Model: AMD Radeon Graphics
- Graphics Core Count: 2
- Graphics Frequency: 2200 MHz
- L1 Cache: 640KB
- L2 Cache: 8MB
- L3 Cache: 96MB
- Default TDP: 120W
- Processor Technology for CPU Cores: TSMC 4nm FinFET
- Unlocked for Overclocking: Yes
- CPU Socket: AM5
- Thermal Solution (PIB): None
- Recommended Cooler: Liquid cooler recommended for optimal performance
- Max. Operating Temperature (Tjmax): 95 degreesC
- OS Support: Windows 11 - 64-Bit Edition, Windows 10 - 64-Bit Edition, RHEL x86 64-Bit, Ubuntu x86 64-Bit (Operating System (OS) support will vary by manufacturer.)

WHAT'S IN THE BOX:

- AMD Ryzen 7 9800X3D AM5 8-Core 4.7GHz Gaming Processor x1

Additional information

Features:

- Boost Clock up to 5.2GHz
- 8 Cores / 16 Threads
- Latest AM5 Platform
- PCIe 5.0 and DDR5 Support
- AMD 3D V-Cache Technology
- AMD Radeon Graphics
- AMD EXPO Technology
- AMD Ryzen Technologies

WHAT'S IN THE BOX:

- AMD Ryzen 7 9800X3D AM5 8-Core 4.7GHz Gaming Processor x1

Specifications:

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Specifications	
Product Code	100-100001084WOF
General Specifications	
Name	AMD Ryzen 7 9800X3D
Family	Ryzen
Series	Ryzen 9000 Series
Form Factor	Desktops , Boxed Processor
Market Segment	Enthusiast Desktop
AMD PRO Technologies	No
Consumer Use	Yes
Regional Availability	Global
Former Codename	Granite Ridge AM5
Architecture	Zen 5
# of CPU Cores	8
Multithreading (SMT)	Yes
# of Threads	16
Max. Boost Clock	Up to 5.2 GHz
Base Clock	4.7 GHz
L1 Cache	640 KB
L2 Cache	8 MB
L3 Cache	96 MB
Default TDP	120W
Processor Technology for CPU Cores	TSMC 4nm FinFET
Processor Technology for I/O Die	TSMC 6nm FinFET
Package Die Count	2
Unlocked for Overclocking	Yes
AMD EXPO Memory Overclocking Technology	Yes
Precision Boost Overdrive	Yes
Curve Optimizer Voltage Offsets	Yes
AMD Ryzen Master Support	Yes

CPU Socket	AM5
Supporting Chipsets	A620 , X670E , X670 , B650E , B650 , X870E , X870 , B840 , B850
CPU Boost Technology	Precision Boost 2
Instruction Set	x86-64
Supported Extensions	AES , AMD-V , AVX , AVX2 , AVX512 , FMA3 , MMX-plus , SHA , SSE , SSE2 , SSE3 , SSE4.1 , SSE4.2 , SSE4A , SSSE3 , x86-64
Thermal Solution (PIB)	Not Included
Recommended Cooler	Liquid cooler recommended for optimal performance
Max. Operating Temperature (Tjmax)	95 degreesC
Launch Date	11/07/2024
***OS Support**	Windows 11 - 64-Bit Edition , Windows 10 - 64-Bit Edition , RHEL x86 64-Bit , Ubuntu x86 64-Bit
Native USB 3.2 Gen 2 (10Gbps)	4
Native USB 2.0 (480Mbps)	1
PCI Express Version	PCIe 5.0
Native PCIe Lanes (Total/Usable)	28 , 24
NVMe Support	Boot , RAID0 , RAID1 , RAID5 , RAID10
System Memory Type	DDR5
Memory Channels	2
Max. Memory	192 GB
System Memory Subtype	UDIMM
Max Memory Speed	2x1R DDR5-5600
	2x2R DDR5-5600
	4x1R DDR5-3600
	4x2R DDR5-3600
ECC Support	Yes (Requires mobo support)
Graphics Model	AMD Radeon Graphics
Graphics Core Count	2
Graphics Frequency	2200 MHz
USB Type-C DisplayPort Alternate Mode	Yes
Product ID Boxed	100-100001084WOF
Product ID Tray	100-000001084
Supported Technologies	AMD EXPO Technology , AMD Ryzen Technologies

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/100-100001084WOF-AMD-Ryzen-7-9800X3D-AM5-8-Core-4-7GHz-up-to-5-2GHz-96MB-L3-Cache-p-317682.php

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