

**CPU AMD AMD
Ryzen™ 7
9850X3D 4.7
GHz 8xCores
Cache 96 MB
Socket Socket
AM5 TDP 120 W
GPU Yes Box
100-
100001973WOF**



Model: 100-100001973WOF

Manufacturer: AMD

EAN: 730143318280

Product Code: 311225

R10,585 ~~R11,107~~

AMD Ryzen™ Processors for Desktops

For incredible gaming, professional-grade productivity, and breakthrough AI experiences.

The Fastest Gaming Processors in the World

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Only AMD Ryzen processors feature models with exclusive AMD 2nd Gen 3D V-Cache™ technology for a massive gaming performance boost. AMD combines its flagship Ryzen 9000X3D Series processors with up to a colossal 144MB of on-chip memory, paired with the most advanced processor cores you can get in a gaming PC so enthusiasts can harness the power of the ultimate gaming performance.

Play Games Without a Graphics Card

The AMD Ryzen G-Series processors feature best-in-class graphics built-in², so you can play virtually any PC game out there in high definition without the added expense of a graphics card. And if you want to take your gaming to the next level later, you can add a high-performance graphics card whenever you want.

Professional-Grade Productivity

Whether you are working in Microsoft Office, exporting video files, or visualizing an architectural dream in 3D, AMD Ryzen processors are built to beat the clock. With premium options that include time-saving connectivity like PCIe® 5.0 storage support, ultra-fast Wi-Fi® 6E³, AMD EXPO™ technology⁴, up to 32 processing threads, and dedicated video accelerators⁵, elevate your experience with AMD Ryzen processors.

AMD Ryzen Processors Power the Next Generation of AI Experiences

For decades AMD has pioneered technology to push the limits of what AI can accomplish, so now you can experience the power of your very own, incredibly advanced Artificial Intelligence technology.⁶ Be ready to usher in the future with new capabilities that only AMD Ryzen can provide. AMD Ryzen is your gateway to breakthrough AI experiences on your PC.

Take the Leap with AM5. Built to Evolve.

Invest in a platform that grows with your needs over time.

Your PC platform can be an investment, or a liability. AMD is the only processor manufacturer committed to multi-year socket support, giving you the freedom to start with what fits your build today and upgrade to next-gen performance tomorrow.

The AM5 desktop platform is packed with state-of-the-art technologies including high-speed DDR5 memory, PCIe® 5.0 support, and AMD EXPO one-touch memory overclocking with kits going up to DDR-8000 speeds^{7,8} With unmatched compatibility and future-ready features, Ryzen makes it easy

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to build a system that evolves with you.

Technologies

AMD Ryzen processors come packed with advanced technologies that empower gamers and creators to push performance, efficiency, and customization to the next level.

Summary: AMD Ryzen 7 9850X3D. Processor family: AMD Ryzen™ 7, Processor socket: Socket AM5, Processor lithography: 4 nm. Memory channels: Dual-channel, Maximum internal memory supported by processor: 192 GB, Memory types supported by processor: DDR5-SDRAM. On-board graphics card model: AMD Radeon Graphics, On-board graphics card base frequency: 2200 MHz. Supported instruction sets: AES, AVX, AVX 2.0, AVX-512, MMX, SSE, SSE2, SSE3, SSE4.1, SSE4.2, SSE4.x, SSSE3, AMD-V, FMA3. L2 cache: 8000 KB | Vendor Homepage:

[https://www.amd.com/en/products/processors/desktops/ryzen/9000-series/amd-ryzen-7-](https://www.amd.com/en/products/processors/desktops/ryzen/9000-series/amd-ryzen-7-9850x3d.html)

[9850x3d.html](https://www.amd.com/en/products/processors/desktops/ryzen/9000-series/amd-ryzen-7-9850x3d.html) | Compatible chipsets: AMD A620/AMD B650/AMD B650E/AMD B840/AMD B850/AMD X670/AMD X670E/AMD X870/AMD X870E | Cooler included: No | Package type: Box | Processor base frequency: 4.7 | Processor boost frequency: 5.6 | Processor cache: 96 | Processor cache type: L3 | Processor cores: 8 | Processor family: AMD Ryzen™ 7 | Processor generation: AMD Ryzen 9000 Series | Processor lithography: 4 | Processor manufacturer: AMD | Processor model: 9850X3D | Processor operating modes: 64-bit | Processor socket: Socket AM5 | Processor threads: 16 | Thermal Design Power (TDP): 120 | ECC: Yes | Maximum internal memory supported by processor: 192 | Memory channels: Dual-channel | Memory clock speeds supported by processor: 3600/5600 | Memory types supported by processor: DDR5-SDRAM | Non-ECC: Yes | Discrete graphics card: No | Discrete graphics card model: Not available | On-board graphics card: Yes | On-board graphics card base frequency: 2200 | On-board graphics card model: AMD Radeon Graphics | Maximum number of PCI Express lanes: 28 | PCI Express slots version: 5.0 | Supported instruction sets: AES/AMD-V/AVX/AVX 2.0/AVX-512/FMA3/MMX/SSE/SSE2/SSE3/SSE4.1/SSE4.2/SSE4.x/SSSE3 | Tjunction: 95 | L2 cache: 8000 | Units per Pallet: 0 | Units per Shipping Box: 4 | Unit Calculated Volume: 0.001995 | Unit Calculated Weight: 0.147

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