

AMD AMD Ryzen 9 9900X(100-100000662WOF)

AMD Ryzen 9 9900X - 4.4 GHz - 12-core - 24 threads - 64 MB cache - Socket AM5 - PIB/WOF



Higher speeds. More memory. Wider bandwidth. You must push every lever, squeeze every ounce, and leave nothing on the table. AMD's Ryzen 9 processor was designed to break expectations and set a new standard for high-performance processors.

The AMD Ryzen 9 processor is built using advanced manufacturing technology to deliver winning performance while keeping your system astonishingly cool & quiet. Ryzen 9 processors feature support for the PCIe 4.0 ready platform, enabling the most advanced motherboards, graphics, and storage technologies available.

Main Specifications

Product Description	AMD Ryzen 9 9900X / 4.4 GHz processor - PIB/WOF
Product Type	Processor
Processor Type	AMD Ryzen 9 9900X
Number of Cores	12-core / 24 threads
Cache	64 MB
Integrated Graphics	Radeon Graphics
Compatible Processor Socket	Socket AM5
Processor Qty	1
Clock Speed	4.4 GHz
Max Turbo Speed	5.6 GHz
Manufacturing Process	4 nm
Features	AMD EXPO Technology, AMD RyzenTechnologies, "Zen 5" Core Architecture, AMD Ryzen Master Utility, AMD Precision Boost 2 Technology
Manufacturer Warranty	3-year warranty

Extended Specification

General

Product Type	Processor
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Manufacturer Warranty

Service & Support	Limited warranty - parts and labour - 3 years
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Processor

Type / Form Factor	AMD Ryzen 9 9900X
Number of Cores	12-core
Number of Threads	24 threads
Cache	64 MB
Cache Memory Details	L3 - 64 MB L2 - 12 MB L1 - 768 KB
Processor Qty	1
Clock Speed	4.4 GHz
Max Turbo Speed	5.6 GHz
Compatible Processor Socket	Socket AM5
Manufacturing Process	4 nm
Thermal Design Power	120 W
Thermal Specification	95 °C
PCI Express Revision	5.0

PCI Express Lanes Qty	28
Architecture Features	AMD EXPO Technology, AMD RyzenTechnologies, "Zen 5" Core Architecture, AMD Ryzen Master Utility, AMD Precision Boost 2 Technology

Miscellaneous

Package Type	AMD Processor in a Box without heatsink/fan (WOF)
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Integrated Graphics

Type	Radeon Graphics
Base Frequency	2200 MHz

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