

AMD Ryzen 9 7950X - 4.5 GHz - 16-core

32 threads - 64 MB cache - Socket AM5 - OEM

Group	CPUs
Manufacturer	AMD
Manufacturer item no.	100-000000514



Description

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 features

Product Description	AMD Ryzen 9 7950X / 4.5 GHz processor - OEM
Product Type	Processor
Processor Type	AMD Ryzen 9 7950X
Number of Cores	16-core / 32 threads
Cache	64 MB
Integrated Graphics	Radeon Graphics
Compatible Processor Socket	Socket AM5
Processor Qty	1
Clock Speed	4.5 GHz
Max Turbo Speed	5.7 GHz
Manufacturing Process	5 nm
Features	AMD EXPO Technology, AMD RyzenTechnologies, "Zen 4" Core Architecture

Extended details

	General
Product Type	Processor
	Processor
Type / Form Factor	AMD Ryzen 9 7950X
Number of Cores	16-core
Number of Threads	32 threads
Cache	64 MB
Cache Memory Details	L3 - 64 MB L2 - 16 MB L1 - 1 MB
Processor Qty	1

Clock Speed	4.5 GHz
Max Turbo Speed	5.7 GHz
Compatible Processor Socket	Socket AM5
Manufacturing Process	5 nm
Thermal Design Power	170 W
Thermal Specification	95 °C
Architecture Features	AMD EXPO Technology, AMD RyzenTechnologies, "Zen 4" Core Architecture
	Integrated Graphics
Type	Radeon Graphics
Base Frequency	400 MHz
Max Dynamic Frequency	2.2 GHz
	Miscellaneous
Package Type	OEM/tray

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