



4X4 BOX-AI300 Series – Compact Actively Cooled Box System Equipped with AMD Ryzen™ AI 300 Series Processors

The 4X4 BOX-AI300 Series, powered by AMD Ryzen™ AI 300 processors, brings advanced AI capabilities with up to 50 NPU TOPS for diverse workloads. It features a responsive CPU, integrated Ryzen graphics, and an NPU for efficient and continuous AI processing. This series is engineered to provide optimal performance across a wide spectrum of AI applications in compact, power-efficient systems.

SPECIFICATIONS

CPU	AMD Ryzen™ AI 300 Series, 4X4 BOX-AI350 (AMD Ryzen™ AI 7 350, 8Cores, up to 5.0GHz), 4X4 BOX-AI340 (AMD Ryzen™ AI 5 340, 6Cores, up to 4.8GHz)
Memory Type	262-pin DDR5 5600MHz SO-DIMM
Memory Slots	2
Maximum Memory Supported	96GB
Integrated Graphics	AMD Radeon™ Graphics
Watchdog Timer	256 Segments, 0, 1, 2, ...255sec
Video	2 x HDMI 2.1, 2 x DisplayPort 1.4a (via USB Type-C)
LAN Ports	1 x Realtek RTL8125B 2.5 GbE, 1 x Realtek RTL8111 GbE
Storage	1 x M.2 M-Key 2242/2280 PCIe Gen4 x4, 1 x M.2 M-Key 2242 PCIe Gen4 x4
TPM	AMD FW TPM
Extended Interface	1 x WiFi 6E 802.11ax + BT 5.2 (M.2 E-Key 2230 PCIe Gen4 x1)

Front I/O	1 x USB 3.2 Gen2 (Type-A), 2 x USB4 (Supports DP1.4a), 1 x Audio
Rear I/O	2 x HDMI, 2 x LAN, 2 x USB 3.2 Gen1, 1 x DC-Jack
Audio	Realtek ALC256 HD Audio
Power Requirement	12 ~ 24V DC Input
Dimensions	4.63" x 4.33" x 1.93" (117.5mm x 110.0mm x 49mm)
Weight	1.0 kg (2.2 lbs)
Mounting	VESA Mount
Operating Temperature	0 ~ 40°C (32 ~ 104°F)
Storage Temperature	-40 ~ 85 °C (-40 ~ 185 °F)
Relative Humidity	5 ~ 90%
OS Software Supported	Windows 11 64-bit
Certification	CE, FCC
Global P/N / SKU	1708631

Ordering Options

4X4 BOX-AI350 (SKU# 1708631A): 4X4 BOX System with AMD Ryzen™ AI 7 350 (8Cores, Max Speed up to 5.0GHz) 4X4 BOX-AI340 (SKU# 1708631B): 4X4 BOX System with AMD Ryzen™ AI 5 340 (6Cores, Max Speed up to 4.8GHz)