AI Max 300 Box Series
AI BOX-A395
Fanned BOX PC



KEY FEATURES

- AMD Ryzen™ AI Max 300 Series (Strix Halo)
- Support 64GB/128GB LPDDR5X-8000 memory
- 2 x USB4, 1 x USB 3.2 Gen2 Type C, 2 x USB 3.2 Gen2, 2 x USB 2.0
- 1 x M.2 Key E (WiFi7 Module)+2 x M.2 Key M
- 1 x Realtek 2.5 Gigabit LAN, 1 x Marvell 10 Gigabit LAN
- Support Quad display, 2 x HDMI 2.1, 3 x DP 2.1 (2 from USB4, 1 from Type-C)
- 1 x Mic-in, 1 x Line-out
- TPM 2.0 onboard IC
- Support Redundant BIOS
- Support RAID 0/1
- Support both Windows 11 and Linux OS
- 200 x 100 x 232mm (7.87" x 3.94" x 9.13"), Fanned Barebone

SPECIFICATIONS

Processor System

CPU	AMD Ryzen™ AI Max 300 Series (AMD Ryzen™ AI Max+395, 16C, Boost up to 5.1GHz)
Chipset	N/A
BIOS	2 x AMI SPI 256 Mbit* *This motherboard has two BIOS chips, a primary BIOS (BIOS1) and a redundant BIOS (BIOS2), which enhances the safety and stability of your system. Normally, the system will work on the primary BIOS (BIOS1). However, if the primary BIOS is corrupted or damaged, the system will recover from redundant BIOS (BIOS2) to primary BIOS BIOS1). When the system fails to recover, the redundant BIOS (BIOS2) will take over on the next system boot with warning message. For safety issues, users are not able to update the redundant BIOS (BIOS2) manually.

Memory

Technology	Onboard LPDDR5X, up to 8000 MT/s
Capacity	AI BOX-A395/128G AI BOX-A395/64G

Graphics

Controller	AMD Radeon™ 8060S Graphics
HDMI	HDMI 2.1 Max resolution up to 7680x4320@60Hz
DisplayPort	DisplayPort 2.1 Max resolution up to 7680x4320@60Hz
MultiDisplay	Quad display (included 3 outputs from Type-C)

Expansion Slot

M.2/ WLAN	1 x Wi-Fi 7 802.11be+ BT 5.4

Audio

Interface	Realtek ALC897, High Definition Audio.

Ethernet

Controller/ Speed	LAN1: Marvell AQC113 with 10/100/1000/2500/5000/10000 Mbps LAN2: Realtek RTL8125BG with 10/100/1000/2500 Mbps
Connector	2 x RJ-45

Storage

M.2	1 x M.2 (Key M, 2242/2280) with PCIe Gen4 x4 for SSD 1 x M.2 (Key M, 2280) with PCIe Gen4 x4 for SSD
RAID	Supports RAID 0/1

Top I/O

USB	2 x USB2.0

Rear I/O

HDMI	2 x HDMI 2.1
Ethernet	1 x 10 Gigabit LAN 1 x 2.5 Gigabit LAN
USB	2 x USB4 (5V/3A, supports DP 2.1 output) 1 x USB 3.2 Gen2 (Type C ,5V/3A, supports DP 2.1 output) 2 x USB 3.2 Gen2
Audio	2 (Mic-In/Line-Out)

Watchdog Timer

Output	From Super I/O to drag RESETCON#
Interval	256 Segments, 0, 1, 2, ...255sec

Power Requirements

Power	AC INPUT (100-240V, 60-50Hz, 400W)
Power On	AT/ATX Supported - AT : Directly PWR on as power input ready - ATX : Press button to PWR on after power input ready

Environment

Operating Temp	0°C ~ 40°C
Storage Temp	-40° C – 85° C
Operating Humidity	5% ~ 90% (non-condensing)
Storage Humidity	5% ~ 90% (non-condensing)

Mechanical

Construction	Aluminum housing
Dimensions (L x W x H)	200 x 100 x 232mm (7.87" x 3.94" x 9.13")
Weight	Net Weight: 2.8KG

Others

OS Support	Windows 11
TPM	TPM 2.0 onboard IC
Certifications	CE, FCC, BSMI
Packing list	1 x Power cord, 1 x Handle Kit, 2 x Antenna, 1 x M.2 NUT, 1 x QIG 1 x M.2 Heatsink Module, 1 x M.2 Thermal Pad, 2 x M.2 Screw

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