MINIX®
Next-Gen AI Computing

ER939-AI Pro



AMD Ryzen™ AI Max + 395 Processor AI Mini Workstation with Dual 10G Ethernet

- **Top-tier Processor:** AMD Ryzen™ AI Max+ 395 (16C / 32 T, 5.1 GHz Max)
- **Fast Memory:** Up to 128 GB LPDDR5X-8000 MHz
- **Large Storage:** 2 TB NVMe SSD, Expandable to 12 TB
- **Powerful GPU:** Radeon 8060S Graphics
- **AI-optimized NPU:** 50 TOPS NPU, 126 TOPS Overall
- **High-speed Connectivity:** Wi-Fi 7, BT5.4, HDMI® 2.1, USB-C 4.0, 10Gb LAN
- **Premium OS:** Windows 11 Pro, Multi-language
- **Twin Turbo Intercooler:** Cooler Performance, Unleash Relentless Speed

AMD Ryzen™ AI Max+ 395(64-bit) · M.2 2280 PCIe4.0 × 4 · Radeon 8060S Graphics · AMD Ryzen™ AI · Dual USB4 Interface · Dual 10Gb Ethernet · Windows Hello Fingerprint Lock · Quad 8K@60 Hz Video Outputs · Twin Turbo Intercooler · RZ717 Triple Band Wi-Fi 7

Specifications

CPU	Type	AMD Ryzen™ AI Max+ 395 (16 Core, 32 Threads, 80 M Total Cache, Up to 5.1 GHz)
GPU	Type	Radeon 8060S Graphics
NPU	Type	AMD Ryzen™ AI (NPU TOPS: 50 TOPS, Overall TOPS: Up to 126 TOPS)
Architecture	Type	16 × Zen 5
CPU Socket	Type	FP11
TDP	Type	132 W Max
Memory	DDR	128 GB (8 × 16 GB) LPDDR5X-8000 MHz
	DDR Slot	None
Storage	SSD	2 TB M.2 2280 PCIe 4.0 × 4 NVMe SSD
	SSD Slot	3 × M.2 2280 PCIe 4.0 × 4 NVMe SSD Slot
	SSD Expansion	2 × M.2 2280 PCIe 4.0 × 4 NVMe SSD Slot
Wi-Fi & BT	Type	M.2 2230 RZ717 Triple Band Wi-Fi 7 (2.4 GHz/5 GHz/6 GHz), BT5.4
Fans	Type	Triple Fans
TPM	Type	Support
I/O Prot		**Front**
	Button	1 × Power Button with White LED
	Performance Switch	Performance Mode 132W Balanced Mode 85W Silent Mode 55W
	Card Reader	1 × SD Card SD4.0
	USB Type-C	1 × USB4 (15W Output, DP 8K@60 Hz, 40 Gbps)
	USB Type-A	2 × USB-A 3.2 Gen2
	Audio Jack	1 × Audio Output Combo Jack
		Rear
	USB Type-A	1 × USB-A 2.0 1 × USB-A 3.2 Gen2
	HDMI®	1 × HDMI® 2.1 (8K@60 Hz)
	DP	1 × DP 1.4 (8K@60 Hz)
	USB Type-C	1 × USB4 (15 W Output, DP 8K@60 Hz, 40 Gbps)
	RJ45	2 × RJ-45 10G Ethernet
	Audio Jack	1 × Audio Output Combo Jack
	Power	100~240 V, 50~60 Hz, DC IN 240 W
OS	System	Windows 11 Pro (Support multi-language)
Certification	Type	FCC CE UKCA ROHS WEEE PSE
Wi-Fi Certification	Model	MT7925B22M
	Contains FCC ID	RAS-MT7925B22M
	Contains IC	7542A-MT7925B22M
	CMIIT ID	2023AJ12555(M)
	NCC ID	CCAI23Y10100T7
	IMDA Standards	DB103778
	ICC ID	R-C-MD6-MT7925B22M
	TELEC RF	020-230243
	TELEC TEL	D230064020
	Dealer ID	/
	TA RTTE	/
Environment	Operating Temperature	-5~45°C @10~90%RH
	Storage Temperature	-20~70°C
	Relative Humidity	5~ 95% non-condensing
EMC	EMI	Margin 3 dB
	ESD	Contact discharge shall pass the ±4kV test level Air discharge shall pass the ±8kV test level
Physical Parameter	Material	Plastic
	Machine Dimension	205 × 192 × 70 mm
	Machine Weight	1.4 kg

Product Overview

Front I/ O **Rear I/ O**





