MINIX®
Next-Gen AI Computing

ER947-AI



AI-Powered High-Performance Mini PC with AMD Ryzen™ AI 9 HX 470

- Flagship AMD Ryzen™ AI 9 HX 470 Processor
- Advanced AI Capability
- High-Speed Preinstalled Memory & Dual-SSD Expandability
- Quad Ultra-HD Multi-Display Output
- Versatile High-Speed Connectivity
- VA Vapor Chamber Cooling
- Dual-Fan Targeted Cooling
- Magnetic Quick-Disassembly Design
- Integrated Biometric Power Button

AMD Ryzen™ AI 9 HX470 (64-bit) | M.2 PCIe NVMe SSD | AMD Radeon™ 890M | AMD Ryzen™ AI | 8K@60Hz Video Outputs | Active Cooling Design | Dual USB4 Interface | Dual 2.5 Gigabit Ethernet | 802.11BE Triple Band Wi-Fi 7 | Copilot+ PC | Windows 11 Pro

Specifications

CPU	Type	AMD Ryzen™ AI 9 HX 470 (12 Core, 24 Threads, 36M Total Cache, up to 5.2 GHz)
Code Name	Type	Gorgon Point
GPU	Type	AMD Radeon™ 890M
NPU	Type	AMD Ryzen™ AI (NPU TOPS: 55 TOPS, Overall TOPS: up to 86 TOPS)
TDP	Type	65W Max
Memory	DDR	32GB / 64GB SO-DIMM DDR5
	DDR Slot	2 × SO-DIMM DDR5
	DDR Expansion	None
Storage	SSD	1TB M.2 2280 PCIe NVMe SSD
	SSD Slot	2 × M.2 2280 PCIe 4.0 × 4 NVMe SSD Slot
	SSD Expansion	1 × M.2 2280 PCIe 4.0 × 4 NVMe SSD Slot
Wi-Fi BT	Type	M.2 2230 MT7925B22M Triple Band Wi-Fi 7 (2.4GHz / 5GHz / 6GHz), BT5.4
Fans	Type	Dual Fans
I/O Port		***Front***
	Button	1 × PowerButton with White LED
	Audio Jack	1 × Audio Output Combo Jack
	USB Type_A	2 × USB-A 3.2 Gen2
	USB Type_C	1 × USB4 (PD 100W Input, 15W Output, DP 8K@60Hz, 40Gbps)
	Reset	1 × button
	Copilot	1 × button
	Microphone	Support
		Rear
	RJ45	2 × RJ-45 2.5G Ethernet
	USB Type_A	1 × USB-A 3.2 Gen2
	HDMI®	1 × HDMI® 2.1 (8K@60Hz)
	DP	1 × DP 1.4 (8K@60Hz)
	USB Type_C	1 × USB4 (PD 100W Input, 15W Output, DP 8K@60Hz, 40Gbps)
	DC Jack	1 × Input DC 19V 6.32A 120W Max
	Kensington Lock	yes
OS	System	Windows 11 Pro
	Language Supported	Support multi-language
TPM	Type	Hardware/Software
Physical Parameter	Material	Plastic + Metal
	Machine Dimension	140 × 139 × 60 mm
	Machine Weight	930g
Complete Machine Certification Requirements	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

Product Overview

Front I/ O



Rear I/ O



