EdgeMesa N AI+ Series



SPECIFICATIONS

Marketing Name	EdgeMesa N AI+
Operating System	Windows 11 Home Windows 11 Pro
CPU	NVIDIA Grace 20-core CPU
Chipset	NVIDIA RTX Spark™ Superchip
Memory	Up to 128GB LPDDR5X Unified Memory
Graphics	NVIDIA Blackwell RTX 6144-core GPU
Storage	1x NVMe SSD, up to 4TB
I/O (Front)	N/A
I/O (Rear)	4x USB 20Gbps Type-C(3 support DP-Alt 2.1, one for PD-input) 1x HDMI 2.1 (FRL, Supports 4K@120Hz / 8K@60Hz) 1x RJ45 (10G LAN) 1x Kensington Lock
TPM	dTPM
Kensington Lock	Yes
Wireless LAN	Wi-Fi 7
LAN	1x 10G RTL8127-CG
PSU	240W AC Adptor
Cooling System	Fan Cooler with Vapor Chamber, 140W TDP
Dimension (WxDxH)	152 x 147 x 53 mm (EdgeMesa X) 168 x 146 x 53 mm (EdgeMesa XA)
Weight (N.W./ G.W.)	1.32 Kg / 2.53 Kg
Volume	1.2L (EdgeMesa X) 1.3L (EdgeMesa XA)

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FEATURES

NVIDIA RTX Spark™

NVIDIA RTX Spark™ N1X combines a 6144-core GPU and 20-core CPU for AI development, content creation, and gaming.

The Windows Experience You Know

Built for Windows workflows, enabling seamless AI application development, deployment, and operation.

Unified Memory for AI Workloads

Up to 128GB LPDDR5X unified memory supports demanding AI and creative workloads.

AI Pulse Cooling System

AI Pulse Cooling System combines Vapor Chamber cooling and dual turbo fans to sustain 140W TDP performance and reliable 24/7 AI Agent operation.

Compact Aluminum Chassis

Compact, durable aluminum chassis with an anti-fingerprint finish.

4-Display Support

Connect up to four displays via HDMI 2.1 and USB-C for seamless multitasking.

CONNECTIONS



Front:

N/A

Rear:

4x USB 20Gbps Type-C(3 support DP-Alt 2.1, one for PD-input)
1x HDMI 2.1 (FRL, Supports 4K@120Hz / 8K@60Hz)
1x RJ45 (10G LAN)
1x Kensington Lock