ADLINK
LEADING EDGE COMPUTING

MXE-240 Series

Integrated Fanless Embedded Edge AI Computer Powered by Intel® Processor Core 3 series

Features

- 40 TOPS Hybrid AI: Combines CPU, GPU, and NPU for powerful multi-processor performance.
- 18 TOPS NPU 5.0: Dedicated engine for low-latency, energy- efficient edge inferencing.
- Industrial Reliability: Supports TSN, TCC, and ECC for real-time, mission-critical stability.
- High-Speed Connectivity: Versatile USB Type-C for streamlined peripheral integration.
- Targeted Applications: Optimized for AI analytics, industrial automation, and video processing.

Preliminary



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Specifications

Model	MXE-240
Processor System	
CPU	Intel® Core™ processors (Series 3)
Memory	1x DDR5 SO-DIMMs 6400MHz, up to 64GB
Operating Systems	Windows 11 IoT Enterprise LTSC Ubuntu 26.04
Display	
HDMI	2 (HDMI 2.1,4K60),
DP	1(Type-C)
Ethernet	
Gbe Port	2
Controller/ Frequency	2x Intel® i226IT, support 2.5Gbps/ 1Gbps/ 100Mbps / 10Mbps
I/O Interfaces	
USB	4x USB 3.2 Gen 2x1 ports (5Gbps) (Type-A) 1x USB4 (40Gbps)(Type-C, DP alt)
COM	2x RS-232/422/485 DB9 Connector
Audio	Realtek ALC888S 1x line-in, 1x line-out, MIC-in through 40pin box header
Expansion Slots	M.2 2280 M Key (PCIex2) M.2 2230 E Key with (Wi-Fi(PCIex1) M.2 3042 B-key (USB3.0) w/ SIM card
TPM	Yes (TPM 2.0)
Mechanical and Environment	
Dimension	180 x 125 x 44 mm
Power Supply	12V-24V DC
Operating Temperature	-20°C to 60°C
Storage Temperature	-40°C to 85°C
EMC	
	CE & FCC Class B

CPU Support List

Family	Number	CPU Core	NPU	GPU	TOPS	Processor Base Power
WildCAT	304	5	1	1	23	15W
WildCAT	305	6	0	1	9	15W

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