

Integrated NPU for Accelerated AI Workloads, Real-Time Processing, and Intelligent Edge Decision-Making



ADLINK Technology MXE-320



AI Applications with Real-Time Analysis and Intelligent Decision-Making

Powered by the Intel® Core™ Ultra processor, the MXE-320 delivers high-performance, efficient computing for modern industrial and embedded applications. Its integrated NPU accelerates AI workloads, enabling real-time data processing and intelligent edge decision-making.

Supporting up to 96GB of DDR5 memory at 5600MHz and flexible display connectivity via HDMI, Display Port, and Type-C, it adapts seamlessly to diverse deployment environments.

The MXE-320 powers AI applications with real-time analysis and intelligent decision-making. It enables reliable self-service kiosks, precise and responsive motion control in automation systems, and acts as a gateway in semiconductor devices for efficient data collection and management.

***Durable fanless
AI Box PC,
purpose-built
for rugged
applications***

Intel Products and Technologies

Accelerating AI and Analytics at the Edge



Intel® Core™
Ultra Processors



Intel® Arc™
Graphics



Intel®
Ethernet



OpenVINO™
Toolkit

Key Features

Empowered by Intel.



Compact Size



Supports 3x
M.2 Slots:
M/E/B Key



Wide Operating
Temperature



Real-Time
Data
Processing

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Product Specifications

CPU	Intel® Core™ Ultra processor (Series 1)
Graphics	Intel® Arc™ graphics
Memory	2x DDR5 SO-DIMMs 5600MHz, up to 96 GB, non-ECC
Storage	M.2 2280 & 2.5" SATA SSD
Wireless Network	WiFi : 1x M.2 2230 E Key with Wi-Fi (PCIe Gen 4x1), USB 4G/5G : 1x M.2 3042/ 3052 B-key (USB 3.0/2.0, PCIe) with SIM card
LAN	2x Intel® Ethernet Controller I226-V, 2.5Gbps / 1Gbps / 100Mbps / 10Mbps
Operating/Storage Temp.	-20°C to 60°C / -40°C to 85°C
Dimension (W x D x H)	180mm x 130mm x 70 mm
Weight	1.2kg
OS	Windows 10 / Windows 11 24H2 LTSC ; Ubuntu 22.04

Learn More

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