Scalable Edge AI for Real-Time Industrial Intelligence



EAI-I732

Lanner × intel

Intel® Core™ Processor-Based Platform for Advanced AI Inference

The Lanner EAI-I732 is a modular edge AI system built for real-time industrial inference, powered by Intel® Core™ processors (Series 2) and 14th, 13th, and 12th Gen Intel® Core™ processors with up to 96GB DDR5 memory. Designed for scalable GPU and NPU acceleration, it supports high-performance AI workloads for applications such as public safety, visual inspection, traffic analytics, Vision AI, enterprise LLMs, smart cities, and industrial automation. Featuring flexible I/O, dual 2.5" drive bays, and PCIe x16 expansion with support for up to 150W GPU cards, the system provides the performance and flexibility needed for evolving edge AI deployments. Combined with high-speed networking and extensive expansion capabilities, the EAI-I732 enables organizations to process and analyze data closer to where it is generated, reducing latency and accelerating real-time decision-making in demanding edge environments.

Scalable Edge AI *with Full-Height GPU/ NPU Expansion for Vision AI and Enterprise LLMs*

Intel Products and Technologies

Accelerating AI and Analytics at the Edge

Intel® Core™ Processors

Intel® UHD Graphics

OpenVINO™ Toolkit

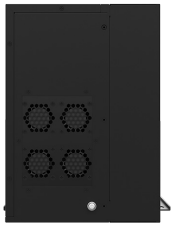
Key Features

Empowered by Intel.

- AI-Ready Edge Processing
- High-Speed Edge Connectivity
- Scalable GPU & AI Acceleration
- Modular Edge AI Expansion

Lanner EAI-I732





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Intel® AI Edge Systems

Product Specifications

CPU	Intel® Core™ processors (Series 2), 14th/13th/12th Gen Intel® Core™ Processors
Graphics	Integrated Intel® UHD Graphics
Memory	2x DDR5 5600MHz SODIMM up to 96GB
Storage	2x 2.5" SSD, 2x M.2(SATA) 2242 B-Key, 1x M.2(NVMe) 2280 M-Key
Wireless Network	1x M.2 2230 E-Key for WiFi 6/6E (BT), 1x M.2 3042/3052 B-Key for LTE/5G
LAN	2x 2.5GbE RJ45
Operating / Storage Temp.	-25°C ~ 65°C (with 35W CPU W/O GPU), -25°C ~ 45°C (with 65W CPU W/O GPU) / -40°C ~ 85°C
Dimension (W x D x H)	190mm x 391mm x 250mm
Weight	11kg
OS	Ubuntu 22.04.2 LTS and Windows 11 IoT
I/O (Input/Output)	2x 2.5GbE RJ45, 1x Serial Console, 1x IPMI, 2x DB9 RS232/422/485 COM, 8x USB 3.2 Gen1 Type-A, 1x HDMI 2.0, 1x DisplayPort 1.4, 4x DIO, Line-out, Mic-in

Learn More

Lanner EAI-I732

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