Edge AI Server for High-Complexity GenAI & Multimodal AI



AXE-7440GW

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4U Server Engineered to Handle the Most Demanding Intelligence Tasks

The AXE-7440GW is a 4U Edge AI GPU Server designed to overcome the performance bottlenecks of large-scale generative AI and high-end vision analytics in field environments. By integrating a single Intel® Xeon® 600 processor for Workstations with support for up to three triple-width or four double-width high-end GPU cards, it solves the challenge of processing complex AI workloads locally, without data-center latency. Key features include an 11-slot expansion design, 1+1 redundant power supplies, and robust thermal management for 24/7 operation. Deploying the AXE-7440GW allows businesses to execute real-time AI inference and LLM fine-tuning directly on-site. It stands out from competitors by offering data-center-level scalability within a ruggedized 4U chassis, purpose-built for the most demanding intelligent automation sectors.

***Data-center scalability in a 4U chassis, supporting up to 4 high-end GPUs for* local AI inference.**

Intel Products and Technologies

Accelerating AI and Analytics at the Edge

Intel® Xeon® Processors

Intel® Arc™ Graphics

Key Features

Empowered by Intel.

- High Performance
- High Expansion
- Space-Efficient Design
- Versatile Storage

ADLINK Technolgy AXE-7440GW

intel ai
Intel® AI Edge Systems





Product Specifications

CPU	Single Intel® Xeon® 600 Processors for Workstations, up to 350W TDP
Graphics	3x FHFL GPU Gen5 x16 or 4x FHFLDW GPU Gen5 x16 with extension board
Memory	4 Channel DDR5, 8 slots DDR5 RDIMM ECC
Storage	8x 2.5" SATA III, 2x M.2 NVMe
LAN	1x 1Gb RJ45 (shared with IPMI), 1x 2.5Gb RJ45
Operating/Storage Temp.	0°C to +40°C / -40°C to +70°C
Dimension (W x D x H)	437.5mm x 650mm x 176.5mm
Weight	Net Weight: 22kg (48.5 lbs); Gross Weight: 25.6kg (56.44 lbs)
OS	Windows 11 LTSC (64 bit), Ubuntu 24.04 (64 bit)
I/O Options (Input/Output)	Front: 2x USB 2.0, 1x UID button; Rear: 5x USB 3.2 Gen2 (Type A), 1x USB 3.2 Gen2 (Type C), 1x VGA, 1x DP, 1x DB-9 COM (RS-232/422/485)

Learn More

ADLINK Technology AXE-7440GW

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