

AI Inferencing / Training SuperEdge

EDGE GPU Server AEX-2UA1



Features

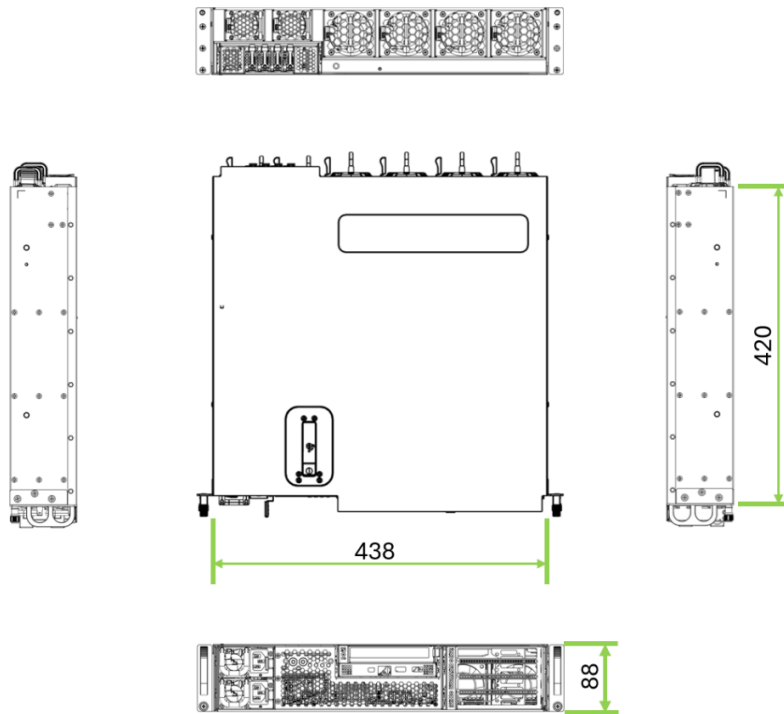
- **Unmatched Edge AI Performance:** Powered by Intel® Xeon® 6 processors with high-performance cores.
- **Accelerated AI Training & Inference:** Dual double-width GPUs for seamless generative AI, LLMs, and deep learning.
- **Optimized Data Throughput:** High-bandwidth architecture for fast, efficient data transfer in demanding enterprise tasks.
- **Designed for Space-Constrained Deployments:** Compact 2U short-depth (420mm) rackmount chassis.

Specifications

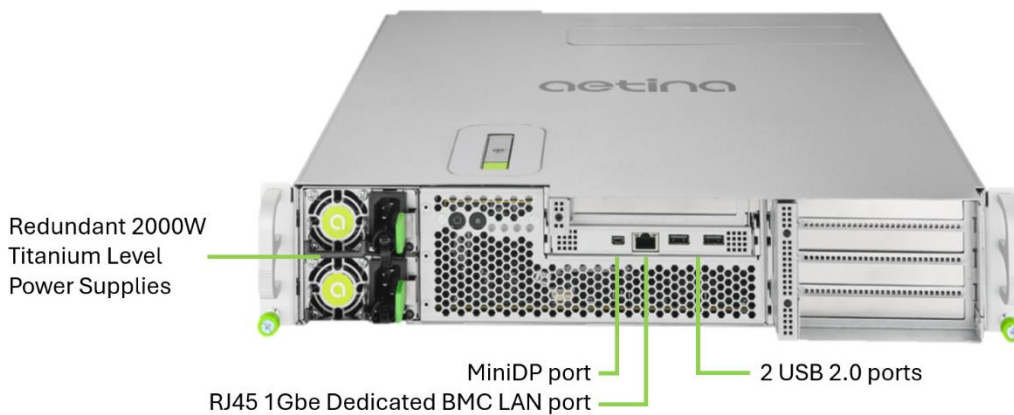
Model Name		AEX-2UA1
Chassis	Form Factor	Front Access 2U Rackmount
	Dimensions (W x D x H)	438mm x 420mm x 88mm (W x D x H)
Processor		Single Intel® Xeon® 6700-series with P-cores.
GPU	Max Count	Up to 2 Double-Width PCIe Passive GPUs
	Supports	L40S, RTX Pro 6000 Server Edition, H200 NVL with NVLink Bridge*
System Memory		(8) Channel Memory
Storage	Drive Bays	Rear: (4) Hot-swappable E1.S, up to PCIe Gen5, up to 15mm
	M.2	Internal: (2) M.2, up to PCIe Gen5 x4, M-Key 2280/22110
	RAID Support	NVMe RAID 0/1/5/10 support (Intel® VROC RAID key required)
Input/Output		(1) RJ45 1GbE Dedicated BMC LAN port, (1) MiniDP port, (2) USB 2.0 ports
Front Panel	Buttons	System Power, UID/BMC reset
	LED	Power status, UID, Storage Activity, Network Activity, Information
PCIe Expansion slots		(2) PCIe Gen5 x16 link (PCIe x16 slot, FHFL) for 2 Double-width GPU with NVLink bridge (1) PCIe Gen5 x8 link (PCIe x16 slot Physical, FHFL)* (1) PCIe Gen5 x16 link (PCIe x16 slot, FHHL) * Slot not available when 2 Double-width AOC is installed.
Power	Power Supply	(2) 2,000W Redundant (1+1) Titanium Level (96%) power supplies
	Power Input	Default 2,000W power supply: 1,000W: 100-127V~, 12A, 47-63Hz 2,000W: 220-240V~, 10A, 47-63Hz
	Power Connectors	IEC 60320 C13
Package		662mm x 642mm x 305mm (W x D x H)
Weight		TBD
MISC. Function		Trusted Platform Module (TPM) 2.0 Intel® Platform Firmware Resilience (Intel® PFR)
Temperature		Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)* Non-operating Temperature: -30°C to 60°C (-22°F to 140°F) * 10°C ~ 30°C for RTX Pro 6000 server edition configurations
Humidity		Operating Relative Humidity: 8% to 80% (non-condensing) Non-operating Relative Humidity: 8% to 90% (non-condensing)
OS Compatibility		Linux Ubuntu Server Microsoft Windows Server 2019 and 2022
Certification		CE · FCC · UL · KCC

System & Mounting Dimensions

Short-depth Edge GPU Server AEX-2UA1



I/O Mechanical Layout



Ordering Information

Model Name	Description
AEX-2UA1	AEX-2UA1 2U GPU Server (Bare system, w/ Xeon 6731P CPU, w/o RAM, SSD, GPU Card)

GPU Card (Optional)

Part Number	Description
61-02L40S-0000	NVIDIA L40S, PCIe Gen4 x16, GDDR6 48GB, TDP 350W
61-026000-0000	NVIDIA RTX PRO 6000 PCIe Blackwell Server Edition, PCIe Gen5 x16, GDDR7 96 GB, TDP 600 W
61-02H200-0000	NVIDIA GPU H200 NVL, PCIe Gen5 x16, HBM3e 141 GB, TDP 600W