AceleMax® AXG-224IB

2U Dual Socket Intel Xeon 6 Processors 6700/6500 Series 4x Dual Slot PCIe AI GPU Server

Features

- Supports up to 4 x dual-slot PCIe GPU (H200 NVL, L40S GPU, RTX PRO™ 6000 Blackwell Server Edition) can be installed in this server
- 2-Socket Intel® Xeon® 6 Processors 6700/6500 series solution
- 3 x PCIe Gen5 x16 Slots for NIC
- 8 x E1.S NVMe SSD bays

Applications

- Generative AI
- LLM
- AI training
- Inference
- Industrial digitalization
- Cloud Computing
- Virtualized & VDI Applications
- Enterprise & HPC Applications

Specifications	

CPU	• Intel Birch-Stream-SP (2-Socket) for GNR (Granite Rapids) support
	  - TDP (Thermal Design Power) is up to 350W with
	  - 2U" standard heatsink (Support at Ambient Temperature: 35°C)

GPU Support	• 4 x Double GPU cards, including NVIDIA L40S or H200 NVL or RTX PRO™ 6000 Blackwell Server Edition
System Memory	32 x DDR5 DIMM slots; 2DPC (2 DIMM per Channel) • DDR5 RDIMM: 5200MT/s as 2DPC; 6400MT/s as 1DPC
Storage	• 8 x PCIe Gen5 x4 E1.S NVMe SSD bays (Rear right-hand side) • 2 x PCIe Gen5 x4 M.2 22110 / 2280 slots for OS usage (Rear middle side)
Expansion Slots	• 4 x PCIe Gen5 x16 (Front left & right side with MGX 2U Type B Bay) for L40S / H200 NVL / RTX PRO™ 6000 Blackwell Server Edition • 3 x PCIe Gen5 x16 (Front middle side) for 2pcs NV Connectx-7 NIC and 1pcs BlueField-3
Front BMC IO	• Power Button / UID button with LED / Status LED • 1 x IPMI RJ-45, No On-board LAN to support share-LAN • 2 x USB 3.0 port (Compatible USB 2.0) • 1 x mini-DP • 1 x Micro-USB (For UART Debug) • Power Button with LED / UID button with LED
Management and Security	Implement in BMC IO board • (Aspeed / AST2600)
Power Supply	• 1 + 1 3200W Titanium CRPS (Common Redundant Power Supply) with PMBus 1.2 support (Rear Left side)
Dimension	• 2U 19" NVIDIA MGX chassis • W 438 x H 88 x D 900 mm / W 17.24" x H 3.46" x D 35.43"

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