

AceleMax® AXG-428I2

4U DP 5th Gen Intel® Xeon® Processor with 8 PCIe GPU Server



Features

- Intel® Xeon® 6 Processors
- Modularized Design
- Support 8 x 600W dual-slot GPU
- Optimized Server Configuration
- Toolless Design

Applications

- Virtual Machines
- Data Center
- HPC Application
- AI Training
- LLM Inference

Specifications	
Processor Support	2 x LGA 4710 sockets Intel® Xeon® 6500/6700 processors Up to 350 TDP
Core Logic	System on Chip (SOC)
Memory	Total Slots: 32 x DIMM slots (8 channel per CPU, 16 DIMM per CPU) Capacity: Maximum up to 4TB Memory Type: DDR5 6400 (1DPC) / 5200 (2DPC) RDIMM Memory Size: 128GB, 96GB, 64GB, 32GB RDIMM
Expansion Slots	Total Slots: 14 Slot Type • 8 x PCIe x 16 for dual-slot GPU cards (Gen5 x 16 link, FHFL) • 5 x PCIe x 16 for NIC/ BlueField-3 cards (Gen5 x 16 link, FHFL) • 1 x PCIe x 16 (Gen5 x 8 link, FHHL)
Storage Bays	8" x 2.5" Front Hot-swap Storage Bays (Backplane supports up to 8 x NVMe) 2 x M.2 socket (Gen 5 x4 link, up to 22110)
Networking	LAN: • 2 x 10GbE LAN ports (RJ45, X710-AT2) • 1 x Management Port (RJ45)
Graphic	VGA: Aspeed AST2600 64MB
Front I/O Ports	1 x Mini DisplayPort 2 x USB 5Gbps ports 1 x Debug port
Rear I/O Ports	1 x USB 5Gbps port 2 x RJ-45 LAN ports 1 x RJ-45 management LAN port
Switch/LED	Front: • 1 x Power switch/LED, 1 x Location switch/LED, 1 x Message LED, • 1 x Clear CMOS switch, 1 x Reset switch, 2 x M.2 LEDs, 2 x LAN LEDs, • 1 x Q-Code/Port 80 LED Rear: • 1 x Power switch/LED, 1 x Location switch/LED, 1 x Message LED





Specifications

OS Support Windows® Server, RedHat® Enterprise Linux, SuSE® Linux Enterprise Server, CentOS, Ubuntu, VMware

Management Solution Software: AMAX Control Center (Classic)
Out of Band Remote Management: On-Board AMB12-iKVM for KVM-over-IP

Power Supply* 3+1 Redundant 3200W 80 PLUS Titanium power
Rating: 220-240 Vac, 16A (x4) 50/60Hz

*Following different configuration by region

Environment Operating temperature: 10°C ~ 35°C*
Non-operating temperature: -40°C ~ 60°C
Non-operating humidity: 20% ~ 95% (Non-condensing)

* For operating temperatures above 30°C, please contact your AMAX sales representative

Dimensions 800mm x 439.5mm x 175 mm (4U)
31.5"x17.3"x 6.9"

