

AceleMax[®] AXG-428A2

4U DP AMD EPYC™ 9005 GPU Server with up to 8 PCIe GPUs



Features

- AMD EPYC 9005 Series Processors
- Modularized Design
- 8 x 600W dual-slot GPU Support
- Optimized Server Configuration
- Toolless Design

Applications

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

Specifications

Processor Support	<ul style="list-style-type: none"> • 2 x Socket SP5 (LGA 6096) • AMD EPYC™ 9005 series processors* * Up to 500W TDP, TDP support varies by configuration
Core Logic	<ul style="list-style-type: none"> • System on Chip (SOC)
Memory	<ul style="list-style-type: none"> • Total Slots: 24 x DIMM slots (12 channel per CPU, 12 DIMM per CPU) • Capacity: Maximum up to 3TB per CPU socket • Memory Type: DDR5 6400/6000/5600 RDIMM/ 3DS RDIMM • Memory Size: 128GB, 64GB, 32GB RDIMM
Expansion Slots	<ul style="list-style-type: none"> • Total Slots: 14 • Slot Type: Rear <ul style="list-style-type: none"> - 8 x PCIe x16 (Gen5 x16 link, FHFL) for dual-slot GPU card - 5 x PCIe x16 (Gen5 x16 link, FHHL) for NIC card or BlueField-3 card • Front: <ul style="list-style-type: none"> - 1 x PCIe x8 (Gen5 x8 link, FHHL)
Storage Bays	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • LAN: <ul style="list-style-type: none"> - 2 x 10GbE LAN ports (RJ45, X710-AT2) - 1 x Management Port (RJ45)
Graphic	<ul style="list-style-type: none"> • VGA: Aspeed AST2600 64MB
Front I/O Ports	<ul style="list-style-type: none"> • 1 x Mini DisplayPort • 2 x USB 5Gbps ports
Rear I/O Ports	<ul style="list-style-type: none"> • 1 x USB 5Gbps port • 2 x RJ-45 LAN ports • 1 x RJ-45 management LAN port

Specifications	
Switch/LED	<ul style="list-style-type: none"> • Front Switch/LED: <ul style="list-style-type: none"> - 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 Switch/LED: <ul style="list-style-type: none"> - 1 x Power switch/LED, 1 x Location switch/LED, 1 x Message LED
OS Support	<ul style="list-style-type: none"> • Windows Server • RedHat® Enterprise Linux, SuSE® Linux Enterprise Server, CentOS, Ubuntu, VMware
Management Solution	<ul style="list-style-type: none"> • Software: AMAX Control Center (Classic) • Out of Band Remote Management: On-Board AB12-iKVM for KVM-over-IP
Power Supply (Following different configuration by region)	<ul style="list-style-type: none"> • 3+1 Redundant 3200W 80 PLUS Titanium power • Rating: 220-240 Vac, 16A (x4) 50/60Hz
Environment	<p>Operating temperature: 10°C ~ 35°C Non-operating temperature: -40°C ~ 60°C Non-operating humidity: 20% ~ 95% (non-condensing)</p>
Dimensions	<ul style="list-style-type: none"> • 800mm x 439.5mm x 175 mm (4U) • 31.5"x17.3"x 6.9"

