



AX-4212G (Gen 4)

4U Dual AMD EPYC™ GPU Server (4th Gen)



MOTHERBOARD

Processor Support	Dual AMD EPYC™ 9004 (Genoa) Series Processor
Chipset	AMD EPYC™ System on Chip (SoC)
System Memory (Max)	Up to 12 TB Registered ECC DDR5 4800MHz SDRAM; 48 DIMM slots
Networking	Dual 1 GbE i350-AM2
PCIe Networking Options	Optional 10 Gbe, 25 Gbe, 40 Gbe, 100 Gbe Ports Available
VGA/BMC	ASPEED AST2600 BMC
Remote Management	Redfish API, IPMI 2.0; KVM with dedicated LAN

CHASSIS

Form Factor	4U Rackmount
Dimensions	880mm x 448mm x 176mm

STORAGE

Onboard Storage Controller	SATA (6 Gbps) controller + NVMe controller
RAID Controller Options	Optional Hardware RAID or SAS HBA Available
Drive Bays	8 × 2.5" Hot-Swap NVMe/SATA + 4 × 2.5" Hot-Swap SATA drive bays

EXPANDABILITY

Expansion Slots	10 x PCI-E 5.0 ×16 FHFL, 2 x PCI-E 5.0 ×16 LP HL
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POWER

Power Supply	3 + 1 3000W Redundant high-efficiency power supplies with I2C & PMBus
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Key Applications

- AI Deep Learning
- Animation and Modeling
- AI Inference and Machine Learning
- HPC
- Diagnostic Imaging
- VDI

Outstanding Features

- 48 DIMM slots - Up to 12 TB total memory
- 8 × 2.5" Hot-Swap NVMe/SATA drive bays
- 10 x dual slot FHFL GPU slots
- 2 x PCI-E 5.0 ×16 slots
- 2 x M.2 slots