



AX-22X424G (Gen 4)

2U 4-Node Single AMD EPYC™ Processor (4th Gen)



MOTHERBOARD

Processor Support	Each node (1 of 4): Dual AMD EPYC™ 9004 (Genoa) Series Processor
Chipset	AMD EPYC™ System on Chip (SoC)
System Memory (Max)	Each node (1 of 4): Up to 6 TB ECC 3DS LRDIMM, up to DDR5-4800Mhz; 24 DIMM slots per node
Networking	Dual 1 GbE i350-AM2
PCIe Networking Options	Optional 10 Gbe, 25 Gbe, 40 Gbe, 100 Gbe Ports Available
VGA/BMC	Each node (1 of 4): Aspeed AST2600 BMC
Remote Management	Each node (1 of 4): IPMI 2.0 + KVM with dedicated LAN, Intel® Node Manager, SUM, SPM, SSM, SuperDoctor® 5, Watchdog

CHASSIS

Form Factor	2U Rackmount
Dimensions	877mm x 440mm x 87.5mm

STORAGE

Onboard Storage Controller	Each node (1 of 4): SATA3 (6 Gbps) via AMD EPYC
RAID Controller Options	Optional SAS HBA Available
Drive Bays	Each node (1 of 4): 6 × 2.5" Hot-swap NVMe/SATA/SAS drive bays

EXPANDABILITY

Expansion Slots	Each node (1 of 4): 2 x PCI-E 5.0 LP x16 LP, 1 x PCI-E 5.0 ×16 OCP
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POWER

Power Supply	2 × 3000W Redundant high-efficiency power supplies with I2C & PMBus
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Key Applications

- All-Flash NVMe Hyperconverged Infrastructure
- High-Performance File System
- Diskless HPC Clusters
- Container-as-a-Service; Application Accelerator
- HyperScale/Hyperconverged
- Compute Intensive Application

Outstanding Features

- 24 DIMM slots per node - Up to 24 TB total memory
- 6 × 2.5" Hot-swap NVMe/SATA drive bays per node
- 2 x PCI-E 5.0 ×16 slots per node
- 1 x M.2 slots per node