



AX-2106A (Gen 4)

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



MOTHERBOARD

Processor Support	Single AMD EPYC™ 9004 (Genoa) Series Processor
Chipset	AMD EPYC™ System on Chip (SoC)
System Memory (Max)	Up to 3 TB Registered ECC DDR5 4800MHz SDRAM; 12 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 ASMB11-iKVM BMC
Remote Management	Redfish API, IPMI 2.0; KVM with dedicated LAN

CHASSIS

Form Factor	2U Rackmount
Dimensions	800mm x 439.5mm x 88.9mm

STORAGE

Onboard Storage Controller	SATA (6 Gbps) controller + NVMe controller
RAID Controller Options	Optional Hardware RAID or SAS HBA Available
Drive Bays	4 x NVMe/SAS*/SATA + 2 x SAS*/SATA

EXPANDABILITY

Expansion Slots	4 x PCI-E 5.0 ×16 slots FHFL for dual-slot GPU cards or 8 x PCI-E 5.0 ×8 slots FHFL for single-slot GPU cards, 1 x PCI-E 5.0 ×16 slots FHHL, 1 x PCI-E 5.0 ×8 slot FHHL or OCP socket option or M.2 riser module, 1 x PCI-E 5.0 ×8 slot LPHL
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POWER

Power Supply	2 × 2600W Redundant high-efficiency power supplies with I2C & PMBus
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Key Applications

- AI Deep Learning Training and Inference
- Research Laboratory/National Laboratory
- Cloud Computing
- Autonomous Vehicle Technologies
- Molecular Dynamics Simulation

Outstanding Features

- 12 DIMM slots - Up to 3 TB total memory
- 4 × 3.5"/2.5" Hot-Swap NVMe/SATA/SAS drive bays + 2 × 3.5"/2.5" Hot-Swap SATA/SAS drive bays
- 4 x Dual slot FHFL GPU slots
- 1 x PCI-E 5.0 ×16 OCP