



# AX-1212A (Gen 4)

1U Dual AMD EPYC™ Processors (4th Gen)



## MOTHERBOARD

|                         |   |
|-------------------------|---|
| Processor Support       | Dual AMD EPYC™ 9004 (Genoa) Series Processor                |
| Chipset                 | AMD EPYC™ System on Chip (SoC)                              |
| System Memory (Max)     | Up to 6 TB Registered ECC DDR5 4800MHz SDRAM; 24 DIMM slots |
| Networking              | Quad 1 GbE i350-AM4   |
| 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 | 1U Rackmount              |
| Dimensions  | 842.5mm x 449mm x 43.85mm |

## STORAGE

|                            |   |
|----------------------------|---|
| Onboard Storage Controller | SATA (6 Gbps) controller + NVMe controller  |
| RAID Controller Options    | Optional Hardware RAID or SAS HBA Available |
| Drive Bays                 | 12 × 2.5" Hot-Swap NVMe/SATA/SAS drive bays |

## EXPANDABILITY

|                 |   |
|-----------------|---|
| Expansion Slots | 2 x PCI-E 5.0 ×16 FHFL or 1 PCI-E 5.0 ×16 FHFL w/ OCP, 1 x PCI-E 5.0 ×16 LP, 1 x PCI-E 5.0 ×8 LP, 1 x PCI-E 5.0 ×16 OCP |
|-----------------|---|

## POWER

|              |   |
|--------------|---|
| Power Supply | 2 × 1600W Redundant high-efficiency power supplies with I2C & PMBus |
|--------------|---|

### Key Applications

- Virtualization
- Cloud Computing
- High End Enterprise Server
- AI Inference and Machine Learning
- Data Center Applications
- Software-defined Storage

### Outstanding Features

- 24 DIMM slots - Up to 6 TB total memory
- 12 × 2.5" Hot-Swap NVMe/SATA/SAS drive bays
- 2 x PCI-E 5.0 slots x16 slots
- 1 x PCI-E 5.0 ×16 OCP
- 2 x M.2 slots