



# AX-2224A (Gen 4)

2U 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              | Dual 10 GbE X710-AT2  |
| PCIe Networking Options | Optional 10 Gbe, 25 Gbe, 40 Gbe, 100 Gbe Ports Available    |
| VGA/BMC                 | ASPEED ASMB10 BMC   |
| Remote Management       | Redfish API, IPMI 2.0; KVM with dedicated LAN               |

## CHASSIS

|             |                        |
|-------------|------------------------|
| Form Factor | 2U Rackmount           |
| Dimensions  | 840mm x 449mm x 88.1mm |

## STORAGE

|                            |   |
|----------------------------|---|
| Onboard Storage Controller | SATA (6 Gbps) controller + NVMe controller                                    |
| RAID Controller Options    | Optional Hardware RAID or SAS HBA Available                                   |
| Drive Bays                 | 24 x 2.5" Hot-Swap NVMe/SATA/SAS drive bays (Depends on PCIe SSD's populated) |

## EXPANDABILITY

|                 |  |
|-----------------|--|
| Expansion Slots | 8 x PCI-E 5.0 x16 LP (from PEX89104), 4 x PCI-E 5.0 x16 LP, 1 x PCI-E 4.0 x16 LP |
|-----------------|--|

## POWER

|              |   |
|--------------|---|
| Power Supply | 2 x 2600W Redundant high-efficiency power supplies with I2C & PMBus |
|--------------|---|

### Key Applications

- Virtualization
- Cloud Computing
- AI Inference and Machine Learning
- Enterprise Server
- Data Center Applications
- Hyperconverge Storage

### Outstanding Features

- 24 DIMM slots - Up to 6 TB total memory
- 24 x 2.5" Hot-Swap NVMe/SATA/SAS drive bays
- 3 x dual slot FHFL GPU slots
- 2 x PCI-E 5.0 x16 slots
- 2 x M.2 slots