



AX-1112A (Gen 4)

1U Single AMD EPYC™ Processor (4th Gen)



MOTHERBOARD

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| Processor Support | Single 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 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

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| Form Factor | 1U Rackmount |
| Dimensions | 842.5mm x 449mm x 43.85mm |

STORAGE

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| 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

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| Expansion Slots | 1 x PCI-E 5.0 ×16 FHHL, 1 x PCI-E 5.0 ×16 LP, 1 x PCI-E 5.0 ×8 LP, 1 x PCI-E 5.0 ×16 OCP |
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POWER

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| Power Supply | 2 × 1200W Redundant high-efficiency power supplies with I2C & PMBus |
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Key Applications

- Web Server, Firewall Application
- Data Center Optimized, Value IaaS
- Cloud Computing, Compact Server
- Virtualization
- CDN, Edge Nodes
- DB Processing & 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 ×16 slots
- 1 x PCI-E 5.0 ×16 OCP
- 2 x M.2 slots