

AceleMax AXG-828-AM

DP AMD 8U System with AMD MI300X



Features

- 8 NIC for GPU direct RDMA (1:1 GPU Ratio) High density 8U system with AMD Instinct MI300X 8-GPU
- 24 DIMM Slots; Up to 6TB DRAM; 4800 ECC DDR5 LRDIMM;RDIMM
- 8 PCIe Gen 5.0 X16 LP, and up to 4 PCIe Gen 5.0 X16 FHFL Slots
- Flexible networking options

Specifications

Processor	<ul style="list-style-type: none"> • Dual Socket SP5 • AMD EPYC™ 9004 Series Processors
GPU	<ul style="list-style-type: none"> • Up to 8 onboard GPU(s) • Supported GPU: AMD: Instinct MI300X Accelerators • CPU-GPU Interconnect: PCIe 5.0 x16 CPU-to-GPU Interconnect • GPU-GPU Interconnect: AMD Infinity Fabric™ Link
Memory	<ul style="list-style-type: none"> • Slot Count: 24 DIMM slots • Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM/LRDIMM
On-Board Devices	<ul style="list-style-type: none"> • Chipset: AMD SP5 • IPMI: Support for Intelligent Platform Management Interface v.2.0 • IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Expansion Slots	<ul style="list-style-type: none"> • 8 PCIe 5.0 x16 LP slot(s) • 2 PCIe 5.0 x16 FHFL slot(s)
Drive Bays	Default: Total 18 bay(s) <ul style="list-style-type: none"> • 12 front hot-swap 2.5" NVMe drive bay(s) • 2 front hot-swap 2.5" SATA drive bay(s) • 4 front hot-swap 2.5" NVMe* drive bay(s)
Input/Output	<ul style="list-style-type: none"> • Video: 1 VGA port(s)
Fans	<ul style="list-style-type: none"> • 10 heavy duty fans with optimal fan speed control
Power Supply	<ul style="list-style-type: none"> • 6x 3000W redundant Titanium level power supplies
Operating Environment	<ul style="list-style-type: none"> • Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) • Non-operating Temperature: -40°C to 60°C (-40°F to 140°F) • Operating Relative Humidity: 8% to 90% (non-condensing) • Non-operating Relative Humidity: 5% to 95% (non-condensing)
Dimensions	<ul style="list-style-type: none"> • Height: 14" (355.6 mm) Width: 17.2" (437 mm) Depth: 33.2" (843.28 mm)

