

AceleMax® AXG-228RA

2U DP AMD EPYC™ 9006 CPU NVIDIA HGX Rubin NVL8 DLC Server



Features

- Liquid-cooled NVIDIA HGX™ Rubin NVL8™
- CPU+GPU direct liquid cooling solution with leak detection
- 8 x 800 Gb/s OSFP InfiniBand or Ethernet GPU networking ports via 8 x single-port NVIDIA ConnectX®-9 VPI
- 3.6 TB/s GPU-to-GPU bandwidth with NVIDIA NVLink™ and NVIDIA NVLink™ Switch
- Dual AMD EPYC™ 9006 SP7 Server processors
- 16-Channel DDR5 RDIMM/MRDIMM per CPU with 32 x DIMMs^[DLC]
- 1 x 1 Gb/s LAN ports via Intel I210-AT
- 2 x M.2 slots with PCIe Gen4 x4
- 8 x E1.S Gen6 NVMe hot-swap bays^[DLC]
- 1 x FHFL PCIe x16 (Gen6 x16) for NVIDIA BlueField-4 DPU^[DLC]
- 54 V DC Bus Bar power solution

Applications

- AI Training
- AI Inference
- High-Performance Computing

Specifications	
Dimensions	449.6mm x 87mm x 808mm (2U) 17.70" x 3.43" x 31.81"
Processor Support	AMD EPYC™ 9006 SP7 Server processors ^[DLC] Dual processors, PPT up to 600 W
Socket	2 x LGA 7536 Socket SP7
Core Logic	Integrated into SoC
GPU	^[DLC] NVIDIA HGX™ Rubin NVL8
Memory	32 x DIMM slots Support DDR5 RDIMM/MRDIMM 16-Channel memory per processor RDIMM: Up to 8000 MT/s MRDIMM: Up to 12800 MT/s
Expansion Slots	1 x FHFL x16 (Gen6 x16), for NVIDIA BlueField-4 DPU
Storage	Front hot-swap: 8 x E1.S Gen6 NVMe, from CX-9 Internal M.2: 2 x M.2 (2280), PCIe Gen4 x4
Networking	8 x 800 Gb/s OSFP InfiniBand or Ethernet, for GPU networking, via NVIDIA ConnectX-9 VPI 1 x 1 Gb/s LAN (1 x Intel I210-AT), Supports NCSI
Graphics	Integrated in ASPEED AST2700 • 1 x Mini-DP

Specifications**I/O Ports****Front:**

- 8 x OSFP
- 2 x USB 3.2 Gen1
- 1 x Mini-DP
- 1 x RJ45
- 1 x MLAN

Power Supply**1 x 54 V DC Bus Bar Connector****Operating Environment**

Operating temperature: 10°C to 35°C

Operating humidity: 8% to 80% (non-condensing)

Non-operating temperature: -40°C to 60°C

Non-operating humidity: 20% to 95% (non-condensing)

