

AceleMax® AXG-228RI

2U DP Intel® Xeon® 6 NVIDIA HGX Rubin NVL8 DLC Server



Features

- Fully liquid-cooled 2U rackmount with IT Gear Connector for 54V DC busbar
- NVIDIA® HGX™ Rubin NVL8
- Dual Socket E2 (LGA 4710), supports Intel® Xeon® 6700P-series, 6500P-series, and 6700E-series processors
- 16+16 DIMM slots (2DPC); supports DDR5 RDIMM, MRDIMM
- 8 Hot-swap liquid-cooled E1.S NVMe (PCIe6.0 x4) drive bays
- 1 FHHL PCIe6.0 x16 for liquid-cooled NVIDIA® BlueField-4 DPU
- Supports 2 M.2 (PCIe5.0 x4)
- 8 OSFP (800Gb/s) via NVIDIA® ConnectX®-9 SuperNIC™
- 1 RJ45 (1GbE) by Intel® I210
- Remote management (IPMI)

Applications

- AI Training
- AI Inference
- High-Performance Computing

Specifications

Dimensions	800 x 448 x 87 mm (2U) 31.5" x 17.6" x 3.4"
Processor Support	Intel® Xeon® 6700P-series, 6500P-series, and 6700E-series processors Dual processors
Socket	Dual Socket E2 (LGA 4710)
Core Logic	System on Chip
GPU	NVIDIA® HGX™ Rubin NVL8
Memory	32 x DIMM slots (16+16, 2DPC) DDR5 RDIMM/MRDIMM Max Capacity per DIMM: • RDIMM: up to 128 GB per DIMM • MRDIMM: up to 64 GB per DIMM Max DIMM Frequency: • RDIMM: up to 6400 MT/s (1DPC), 5200 MT/s (2DPC) • MRDIMM: up to 8000 MT/s (1DPC only)
Expansion Slots	1 x liquid-cooled FHHL PCIe Gen6 x16, for NVIDIA® BlueField-4 DPU
Storage	Front hot-swap: 8 x liquid-cooled E1.S NVMe (PCIe Gen6 x4) drive bays Internal: 2 x M-key (2280), PCIe Gen5 x4
Graphics	ASPEED AST2600 DDR4 512 MB VRAM
Ethernet	Intel® I210: 1 RJ45 (1GbE)

Specifications

I/O Ports	8 OSFP (800Gb/s) via NVIDIA® ConnectX®-9 SuperNIC™
	1 RJ45 (1GbE) by Intel® I210
	1 dedicated IPMI
	1 Type-A (USB3.2 Gen1)
	1 Micro USB Debug Port
	1 Mini-DisplayPort
Buttons	Power button w/ LED, UID button w/ LED, Status button
Management	ASPEED AST2600 BMC Controller 1 Realtek RTL8211F for dedicated management GLAN
System BIOS	BIOS Type: AMI UEFI BIOS; 512 Mb SPI Flash ROM BIOS Features: Plug and Play, ACPI 4.0 and above compliance, wake-up events, SMBIOS 3.4 and above
Power Supply	54 V DC busbar
Operating Environment	Operating temperature: 10°C ~ 35°C Non-operating temperature: -40°C ~ 70°C Non-operating humidity: 20% ~ 90% (non-condensing)