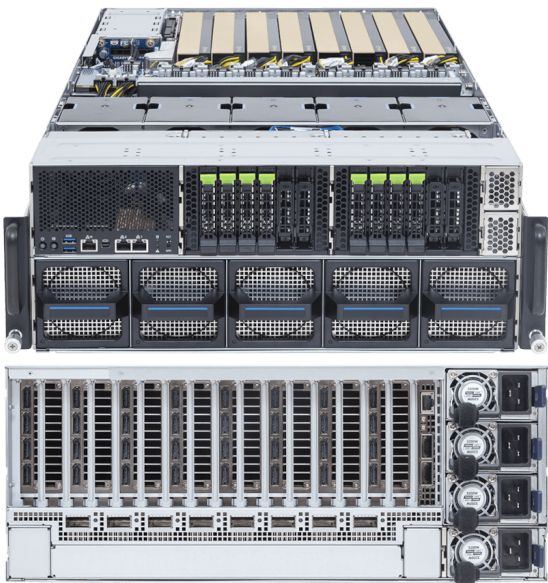


XL43-ZX2-AAS1

NVIDIA MGX™ Server - AMD EPYC™ 9005 Server Processors -
4U DP 8 x NVIDIA RTX PRO™ GPUs



Key Features

- NVIDIA RTX PRO™ server with ConnectX®-8 SuperNIC™ switch
- Configured with 8 x NVIDIA RTX PRO™ 6000 Blackwell Server Edition GPUs
- Configured with 1 x NVIDIA® BlueField®-3 DPU
- Onboard 400 Gb/s InfiniBand/Ethernet QSFP ports with PCIe Gen6 switching for peak GPU-to-GPU performance
- Dual AMD EPYC™ 9005 Server processors
- 12-Channel DDR5 RDIMM per CPU with 24 x DIMMs
- 2 x 10 Gb/s LAN ports via Intel® X710-AT2
- 8 x 2.5" Gen5 NVMe hot-swap bays
- 2 x M.2 slots with PCIe Gen3 x2 and x1
- Quad 3200 W 80 PLUS Titanium redundant power supplies

Applications

AI Platform, AI Training Server, AI Inference Server, Visual Computing, High-Performance Computing Server...

Specification

Dimensions	4U (W438 x H175 x D800 mm)	PCIe Expansion Slots	8 x NVIDIA RTX PRO™ 6000 Blackwell Server Edition GPUs 1 x NVIDIA® BlueField®-3 DPU
Motherboard	MZX3-MG1	I/O Ports	Front: 2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN Rear: 8 x QSFP ports
CPU	AMD EPYC™ 9005 Server processors Dual processors, cTDP up to 500 W	TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM012
Socket	2 x LGA 6096 (Socket SP5)	Power Supply	Quad 3200 W 80 PLUS Titanium redundant power supplies AC Input: 100-240 V *The system power supply requires C19 power cord.
Chipset	System on Chip	System Fans	10 x 80x80x80mm
Memory	12-Channel DDR5 RDIMM, 24 x DIMMs Up to 6400 MT/s	Operating Properties	Operating: 10°C to 30°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
LAN	Front: 2 x 10 Gb/s LAN (1 x Intel® X710-AT2), Support NCSI 1 x 10/100/1000 Mb/s Management LAN Rear: 8 x QSFP ports (400 Gb/s InfiniBand/Ethernet, for GPU networking)	Packaging Content	1 x XL43-ZX2-AAS1 2 x CPU heatsinks 1 x L-shape Rail kit
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	Ordering Part Numbers	6NXL43ZX2HR000ACS1*
Storage	Front hot-swap: 8 x 2.5" Gen5 NVMe Internal M.2: 1 x M.2 (2280/22110), PCIe Gen3 x2 1 x M.2 (2280/22110), PCIe Gen3 x1		

