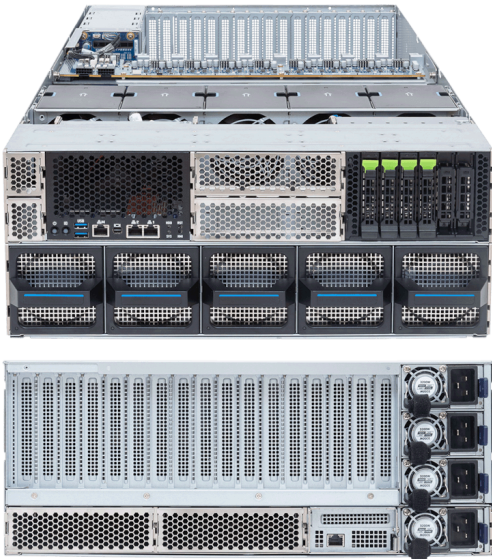


XL44-SX0-AAS2

NVIDIA MGX™ Server - Intel® Xeon® 6 -
4U DP 8 x PCIe Gen5 GPUs



Key Features

- Supports up to 8 x Dual slot Gen5 GPUs
- Dual Intel® Xeon® 6700/6500-Series Processors
- 8-Channel DDR5 RDIMM/MRDIMM, 32 x DIMMs
- 2 x 10Gb/s LAN ports via Intel® X710-AT2
- 4 x 2.5" Gen5 NVMe hot-swap bays
- 2 x M.2 slots with PCIe Gen4 x2 interface
- 8 x FHFL PCIe Gen5 x16 slots for GPUs
- 1 x FHFL PCIe Gen5 x16 slot
- 4 x 3200W 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 H176.6 x D802.5 mm)	Storage	Front hot-swap: 4 x 2.5" Gen5 NVMe Internal M.2: 2 x M.2 (2280/22110), PCIe Gen4 x2
Motherboard	MSX4-MG1	PCIe Expansion Slots	8 x FHFL PCIe Gen5 x16, for GPUs 1 x FHFL PCIe Gen5 x16
CPU	Intel® Xeon® 6 Processors - Intel® Xeon® 6700-Series Processors - Intel® Xeon® 6500-Series Processors Dual processor, TDP up to 350W	I/O Ports	Front: 2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN (default) Rear: 1 x MLAN
OS Compatibility	OS Support List	TPM	1 x TPM header (SPI), Optional TPM2.0 kit: CTM012 1 x PRoT connector (only enabled on RoT SKU)
Socket	2 x LGA 4710 (Socket E2)	Power Supply	4 x 3200W 80 PLUS Titanium redundant power supplies AC Input: 100-240V *The system power supply requires C19 power cord.
Chipset	System on Chip	System Fans	10 x 80x80x80mm
Memory	8-Channel DDR5 RDIMM/MRDIMM, 32 x DIMMs [RDIMM] Up to 6400 MT/s (1DPC), 5200 MT/s (2DPC) [MRDIMM] Up to 8000 MT/s ^[1] ^[1] MRDIMMs are only supported with Intel® Xeon® 6 Processors with P-cores and in a 1DPC configuration.	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 10Gb/s LAN (1 x Intel® X710-AT2), Support NCSI 1 x 10/100/1000 Mbps Management LAN Rear: 1 x 10/100/1000 Mbps Management LAN	Packaging Content	1 x XL44-SX0-AAS2 2 x CPU heatsinks 8 x GPU power cables (16-pin, 100mm) 1 x AIC power cable (PCIe 8-pin, 150mm) 4 x Carriers 1 x L-shape Rail kit
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	Ordering Part Numbers	6NXL44SX0DR000AAS2*



Learn more at: <https://www.gigabyte.com/Enterprise>
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