

XV24-AX0-IAJ1

NVIDIA MGX™ Server - Intel® Xeon® 6 - 2U DP 4 x PCIe Gen5 GPUs Immersion



Key Features

- Immersion Cooling Server
- Supports up to 4 x Dual slot Gen5 GPUs
- NVIDIA MGX™ modular server design
- Dual Intel® Xeon® 6900-Series Processors
- 12-Channel DDR5 RDIMM / MRDIMM, 24 x DIMMs
- 2 x 10Gb/s LAN ports via Intel® X550-AT2
- 6 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 2 x M.2 slots with PCIe Gen5 x2 interface
- 4 x FHFL PCIe Gen5 x16 slots for GPU
- 3 x FHFL PCIe Gen5 x16 slots
- 2+2 2000W 80 PLUS Titanium redundant power supplies

Applications

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

Specification

Dimensions	2U (W438 x H87 x D900 mm)	PCIe Expansion Slots	4 x FHFL PCIe Gen5 x16, for GPUs 3 x FHFL PCIe Gen5 x16
Motherboard	MAX4-MG0	I/O Ports	Top: 2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN
CPU	Intel® Xeon® 6 Processors - Intel® Xeon® 6900-Series Processors Dual processor, TDP up to 500W	Backplane Board	PCIe Gen5 x4
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 7529 (Socket BR)	Power Supply	2+2 2000W 80 PLUS Titanium redundant power supplies
Chipset	System on Chip	System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
Memory	12-Channel DDR5 RDIMM/MRDIMM, 24 x DIMMs [RDIMM] Up to 6400 MT/s [MRDIMM] Up to 8800 MT/s [1] [1] MRDIMMs are only supported with Intel® Xeon® 6 Processors with P-cores.	Operating Properties	Operating coolant temperature: 20°C to 35°C Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
LAN	2 x 10Gb/s LAN (1 x Intel® X550-AT2), Support NCSI 1 x 10/100/1000 Mbps Management LAN	Packaging Content	1 x XV24-AX0-IAJ1 2 x CPU heatsinks 1 x Mini-DP to D-Sub cable 2 x GPU power cables (16-pin, 620mm) 2 x GPU power cables (16-pin, 750mm) 2 x Carriers
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	Ordering Part Numbers	6NXV24AX0DR000IAJ1*
Storage	Bottom hot-swap: 6 x 2.5" Gen5 NVMe/SATA/SAS-4 [1] Internal M.2: 2 x M.2 (2280/22110), PCIe Gen5 x2 [1] Storage card is required to support SATA and SAS drives.	Optional Parts	- Chassis intrusion switch: 25HA1-R28390-U1R
RAID	Onboard VROC key header		



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

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