

XV24-AX0-AAJ1

NVIDIA MGX™ Server - 2U DP 4 x PCIe Gen5 GPUs



Key Features

- NVIDIA MGX™ modular server design
- Dual Intel® Xeon® 6 Processors, LGA 7529
- 12-Channel DDR5 RDIMM / MCR DIMM, 24 x DIMMs
- Dual ROM Architecture
- 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 GPUs
- 3 x FHFL PCIe Gen5 x16 slots
- 4 x 2000W 80 PLUS Titanium redundant power supply

Application

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

Specification

Dimensions	2U (W438 x H87 x D900 mm)	I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1, 2 x RJ45, 1 x Mini-DP, 1 x MLAN
Motherboard	MAX4-MG0	Backplane Board	PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s
CPU	Intel® Xeon® 6 Processors - Intel® Xeon® 6900-Series Processors Dual processor, TDP up to 500W	Security Modules	1 x TPM header with SPI interface - Optional TPM2.0 kit: CTM012 1 x PRoT module connector (only enabled on RoT SKU)
Sock	2 x LGA 7529 (Socket BR)	Power Supply	4 x 2000W 80 PLUS Titanium redundant power supply AC Input: 100-240V
Chipset	System on Chip	System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
Memory	12-Channel DDR5 RDIMM / MCR DIMM*, 24 x DIMM slots RDIMM: Up to 6400 MT/s; MCR DIMM: Up to 8000 MT/s *MCR DIMMs are only supported with Intel Xeon 6 CPU with P-cores.	System Fans	4 x 80x80x80mm (15,000rpm)
LAN	2 x 10Gb/s LAN (1 x Intel® X550-AT2) - Support NCSI function 1 x 10/100/1000 Mbps Management LAN	Operating Properties	Operating temperature: 10°C to 35°C Operating humidity: 8%-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	Packaging Content	1 x XV24-AX0-AAJ1, 2 x CPU heatsinks, 2 x Carriers, 1 x Mini-DP to D-Sub cable, 4 x GPU power cables, 1 x 2-Section Rail kit
Storage	Front hot-swap: 6 x 2.5" Gen5 NVMe/SATA/SAS-4* *Storage card is required to support SATA and SAS drives. Internal M.2: 2 x M.2 (2280/22110), PCIe Gen5 x2	Part Numbers	Barebone package: 6NXV24AX0DR000AAJ1* Optional parts: - 3-Section Rail kit (Supports CMA): 25HB2-T76100-K0R - Cable Management Arm: 25HB2-2AA700-K0R
RAID	Require RAID add-in cards Onboard VROC key header		
Expansion Slots	4 x FHFL PCIe Gen5 x16 slots for GPUs 3 x FHFL PCIe Gen5 x16 slots		



Learn more at <https://www.GIGABYTE.com/enterprise>

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