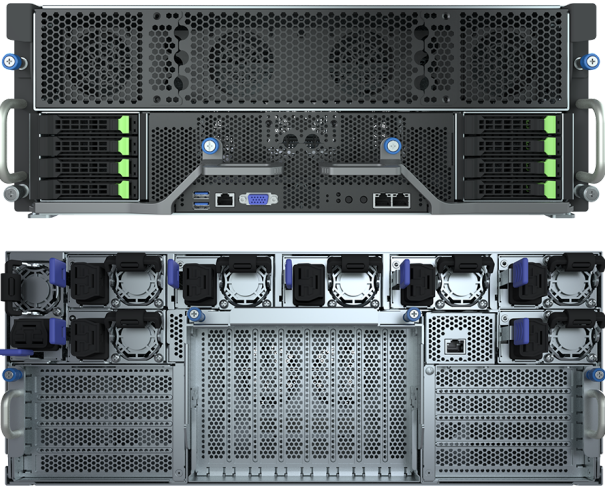


G4L3-ZX1-LAX1

HPC/AI Server - 4U DP AMD Instinct™ MI300X DLC



Key Features

- Liquid-cooled 8 x AMD Instinct™ MI300X OAM GPUs
- CPU+GPU direct liquid cooling solution with leak detection
- Dual AMD EPYC™ 9005/9004 Series Processors
- 12-Channel DDR5 RDIMM, 24 x DIMMs
- Dual ROM Architecture
- 2 x 10Gb/s LAN ports via Intel® X710-AT2
- 2 x M.2 slots with PCIe Gen3 x4 and x1 interface
- 8 x 2.5" Gen5 NVMe hot-swap bays
- 4 x FHHL dual-slot PCIe Gen5 x16 slots
- 8 x FHHL single-slot PCIe Gen5 x16 slots
- 4+4 3000W 80 PLUS Titanium redundant power supplies

Applications

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

Specification

Dimensions	4U (W447 x H175.3 x D920 mm)	PCIe Expansion Slots	4 x FHHL dual-slot PCIe Gen5 x16 8 x FHHL single-slot PCIe Gen5 x16
Motherboard	MZB3-PE0	I/O Ports	Front: 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN (default) Rear: 1 x MLAN
CPU	AMD EPYC™ 9005 Series Processors AMD EPYC™ 9004 Series Processors Dual processor, cTDP up to 500W ^[1] ^[1] The ambient temperature is limited to 30°C when NVIDIA® BlueField®-3 DPUs are installed.	Backplane Board	PCIe Gen5 x4
OS Compatibility	OS Support List	TPM	1 x TPM header (SPI), Optional TPM2.0 kit: CTM012
Socket	2 x LGA 6096 (Socket SP5)	Power Supply	4+4 3000W 80 PLUS Titanium redundant power supplies AC Input: 115-240V *The system power supply requires C19 power cord.
Chipset	System on Chip	System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
Memory	12-Channel DDR5 RDIMM, 24 x DIMMs [EPYC 9005] Up to 6400 MT/s [EPYC 9004] Up to 4800 MT/s	System Fans	Motherboard: 2 x 60x60x56mm (24,600/24,200rpm) 2 x 60x60x76mm (21,800/20,500rpm) PCIe slots: 4 x 80x80x56mm (15,500/14,900rpm) GPU tray: 4 x 60x60x38mm (23,000rpm)
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	Operating Properties	Operating: 10°C to 35°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Video	Integrated in ASPEED® AST2600 - 1 x VGA port	Packaging Content	1 x G4L3-ZX1-LAX1 1 x L-shape Rail kit
Storage	Front hot-swap: 8 x 2.5" Gen5 NVMe Internal M.2: 1 x M.2 (2280/22110), PCIe Gen3 x4 1 x M.2 (2280/22110), PCIe Gen3 x1	Ordering Part Numbers	6NG4L3ZX1DR000LCX1*
Modular GPU	Liquid-cooled 8 x AMD Instinct™ MI300X OAM GPUs		



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

* All specifications are subject to change without notice. Please visit our website for the latest information.
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