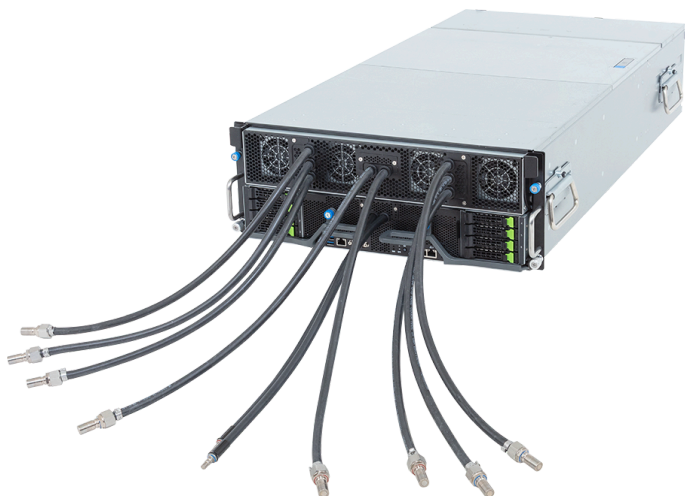


# G4L3-ZX1-LAT4

HPC/AI Server - AMD EPYC™ 9005/9004 - 4U DP AMD Instinct™ MI355X DLC



## Key Features

- Liquid-cooled 8 x AMD Instinct™ MI355X OAM GPUs
- CPU+GPU direct liquid cooling solution with leak detection
- Dual AMD EPYC™ 9005/9004 Server Processors
- 12-Channel DDR5 RDIMM per CPU with 24 x DIMMs
- 2 x 10 Gb/s LAN ports via Intel® X710-AT2
- 2 x M.2 slots with PCIe Gen3 x4 and x1
- 8 x 2.5" Gen5 NVMe hot-swap bays
- 4 x FHHL dual-slot PCIe x16 slots with Gen5 x16 lanes
- 8 x FHHL single-slot PCIe x16 slots with Gen5 x16 lanes
- 3+3 5200 W 80 PLUS Titanium redundant power supplies

## Applications

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

## Specification

<b>Dimensions</b>	4U (W447 x H175.5 x D901 mm)	<b>PCIe Expansion Slots</b>	4 x FHHL PCIe Gen5 x16, dual-slot 8 x FHHL PCIe Gen5 x16, single-slot
<b>Motherboard</b>	MZB3-PE0	<b>I/O Ports</b>	<b>Front:</b> 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN (default) <b>Rear:</b> 1 x MLAN
<b>CPU</b>	AMD EPYC™ 9005 Server Processors AMD EPYC™ 9004 Server Processors Dual processor, cTDP up to 500 W	<b>Backplane Board</b>	PCIe Gen5 x4
<b>OS Compatibility</b>	<a href="#">OS Support List</a>	<b>TPM</b>	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM012
<b>Socket</b>	2 x LGA 6096 (Socket SP5)	<b>Power Supply</b>	3+3 5200 W 80 PLUS Titanium redundant power supplies AC Input: 200-240 V  *The system power supply requires SDG400 power cord.
<b>Chipset</b>	System on Chip	<b>System Fans</b>	Motherboard: 2 x 60x60x56mm / 2 x 60x60x76mm PCIe slots: 4 x 80x80x56mm GPU tray: 4 x 60x60x38mm
<b>Memory</b>	12-Channel DDR5 RDIMM, 24 x DIMMs [EPYC 9005] Up to 6400 MT/s [EPYC 9004] Up to 4800 MT/s	<b>Operating Properties</b>	Operating: 10°C to 30°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)  *To ensure system stability and prevent condensation, when the relative humidity exceeds 50%, the coolant inlet temperature must be higher than the dry-bulb temperature and it should not exceed 45°C.
<b>LAN</b>	<b>Front:</b> 2 x 10 Gb/s LAN (1 x Intel® X710-AT2), Support NCSI 1 x 10/100/1000 Mb/s Management LAN <b>Rear:</b> 1 x 10/100/1000 Mb/s Management LAN	<b>Packaging Content</b>	1 x G4L3-ZX1-LAT4 1 x L-shape Rail kit
<b>Video</b>	Integrated in ASPEED® AST2600 - 1 x VGA port	<b>Ordering Part Numbers</b>	6NG4L3ZX1DR000LCT4*
<b>Storage</b>	<b>Front hot-swap:</b> 8 x 2.5" Gen5 NVMe <b>Internal M.2:</b> 1 x M.2 (2280/22110), PCIe Gen3 x4 1 x M.2 (2280/22110), PCIe Gen3 x1		
<b>Modular GPU</b>	Liquid-cooled 8 x AMD Instinct™ MI355X 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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Last updated: May 13, 2026

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