

G152-Z12 (Rev. 400)

HPC/AI Server - AMD EPYC™ 7003/7002 - 1U UP 4 x PCIe Gen4 GPUs Immersion

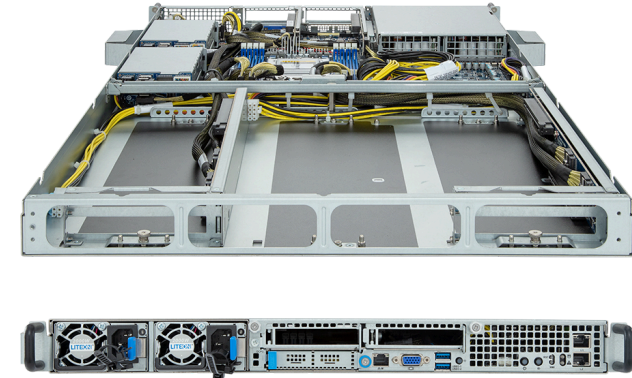


Key Features

- Immersion Cooling Server
- Supports up to 4 x Single slot Gen4 GPUs
- Single AMD EPYC™ 7003/7002 Series Processors
- 8-Channel DDR4 RDIMM/LRDIMM, 8 x DIMMs
- 2 x 10 Gb/s LAN ports via Intel® X550-AT2
- 4 x 2.5" internal Gen4 NVMe bays
- 4 x FHFL PCIe Gen4 x16 for GPUs
- 2 x LP PCIe Gen4 x16
- Dual 2000 W 80 PLUS Platinum redundant power supply

Applications

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



Specification

Dimensions	1U (W448 x H43.5 x D808 mm)	PCIe Expansion Slots	4 x FHFL PCIe Gen4 x16, for GPUs 2 x LP PCIe Gen4 x16
Motherboard	MZ12-HD7	I/O Ports	Top: 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN
CPU	AMD EPYC™ 7003 Series Processors AMD EPYC™ 7002 Series Processors Single processor, cTDP up to 280 W	Backplane Board	PCIe Gen4 x4
Socket	1 x LGA 4094	TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
Chipset	System on Chip	Power Supply	Dual 2000 W 80 PLUS Platinum redundant power supply AC Input: 100-240 V
Memory	8-Channel DDR4 RDIMM/LRDIMM, 8 x DIMMs Up to 3200 MT/s	System Management	ASPEED® AST2500 Baseboard Management Controller GIGABYTE Management Console web interface
LAN	2 x 10 Gb/s LAN (1 x Intel® X550-AT2), Support NCSI 1 x 10/100/1000 Mb/s Management LAN	Operating Properties	Operating coolant temperature: 25°C to 30°C Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Video	Integrated in ASPEED® AST2500 - 1 x VGA port	Packaging Content	1 x G152-Z12 1 x CPU heatsink
Storage	Internal: 4 x 2.5" Gen4 NVMe *SATA devices not supported.	Ordering Part Numbers	6NG152Z12MR-00-4*
RAID	N/A		



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

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Last updated: Apr 29, 2026

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