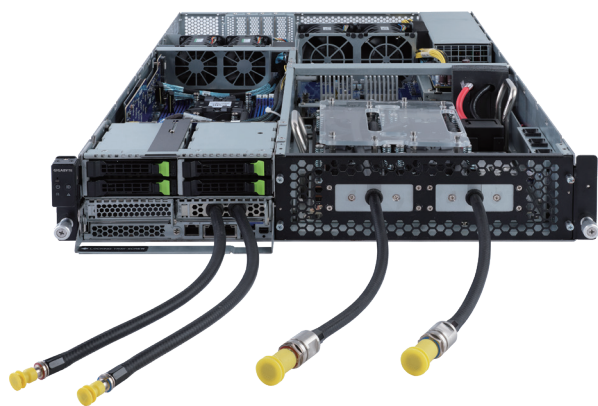


## G262-ZLO

HPC Server - 2U DP SXM4 A100 4-GPU

CoolIT  
systems™



### Features

- Liquid cooling GPU server solution
- Supports NVIDIA HGX™ A100 with 4 x SXM4 GPU
- Supports NVIDIA® NVLink® technology
- Up to 600GB/s GPU to GPU interconnection
- Dual AMD EPYC™ 7003 series processors
- 8-Channel RDIMM/LRDIMM DDR4 per processor, 16 x DIMMs
- 2 x 1Gb/s LAN ports (Intel® I350-AM2)
- 1 x dedicated management port
- 4 x 2.5" Gen4 U.2 NVMe/SATA/SAS hot-swap HDD/SSD bays
- Ultra-Fast M.2 with PCIe Gen4 x4 interface
- 5 x Low profile Gen4 x16 expansion slots
- 1 x OCP 3.0 Gen4 x16 mezzanine slot
- 3000W 80 PLUS Platinum redundant power supply

### Specification

<b>Dimensions</b>	2U (W448 x H86.8 x D800 mm)	<b>Backplane I/O</b>	4 x 2.5" NVMe/ SATA hybrid ports Speed and bandwidth: PCIe Gen4 or SATA 6Gb/s
<b>Motherboard</b>	MZ62-HD5 Rev. 3.0	<b>TPM</b>	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
<b>CPU</b>	AMD EPYC™ 7003 Series processors Dual processors, 7nm technology, cTDP up to 280W Up to 64-core, 128 threads per processor Compatible with AMD EPYC™ 7002 Series processors	<b>Power Supply</b>	Dual 3000W 80 PLUS Platinum redundant power supply AC Input: 115-240V
<b>Chipset</b>	System on Chip	<b>System Management</b>	Aspeed® AST2500 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
<b>Memory</b>	8-Channel DDR4 memory, 16 x DIMM slots RDIMM/LRDIMM modules up to 128GB supported 3DS RDIMM/LRDIMM modules up to 256GB supported Memory speed: Up to 3200/ 2933 MHz	<b>OS Compatibility</b>	Windows Server 2016 / 2019 RHEL 8.3 (x64) or later SLES 12 SP5 (x64) / 15 SP2 (x64) or later Ubuntu 18.04.5 LTS (x64) / 20.04 LTS (x64) or later VMware ESXi 6.7 Update3 P03 / 7.0 Update1 or later Citrix Hypervisor 8.2.0 or later
<b>LAN</b>	2 x 1GbE LAN ports (1 x Intel® I350-AM2) 1 x Dedicated management ports	<b>System Fans</b>	2 x 60x60x76mm (21,700rpm) 2 x 80x80x80mm (17,000rpm)
<b>Video</b>	Integrated in Aspeed® AST2500 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM	<b>Operating Properties</b>	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)
<b>Storage</b>	4 x 2.5" Gen4 U.2 NVMe/ SATA/ SAS hot-swap HDD/SSD bays SAS card is required for SAS devices support	<b>Packaging Content</b>	1 x G262-ZLO 1 x Rail kit
<b>Expansion Slots</b>	4 x SXM4 sockets for NVIDIA HGX™ A100 4-GPU 40GB/80GB 5 x Low-profile PCIe Gen4 x16 expansion slots 1 x OCP 3.0 Gen4 x16 mezzanine slot 1 x M.2 slot: (Onboard) - PCIe Gen4 x4, Supports NGFF-2280/22110 cards 2 x M.2 slots: (From CMTP072) - PCIe Gen4 x4, Supports NGFF-2242/2260/2280/22110 cards	<b>Reference Numbers</b>	Barebone with rail kit: 6NG262ZL0MR-Axx (40GB module) Barebone with rail kit: 6NG262ZL0MR-Gxx (80GB module) - Motherboard: 9MZ62HD5NR-00 - CPU liquid cooling kit: 25ST7-200006-C4R - GPU liquid cooling kit: 25ST7-3000G3-C4R - Rail kit: 25HB2-A86102-K0R - Power supply: 25EP0-230003-D0S
<b>Front I/O</b>	2 x USB 3.0, 1 x mini DP, 2 x RJ45, 1 x MLAN		
<b>Rear I/O</b>	N/A		



Learn more about GIGABYTE server solutions, visit [www.gigabyte.com/Enterprise](http://www.gigabyte.com/Enterprise)

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