GIGABYTE™

G262-Z00

HPC System - 2U DP AMD OAM 4 GPU Server
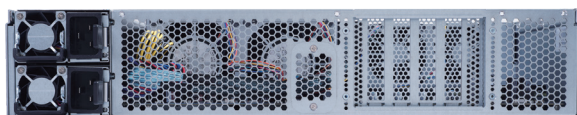
AMD◢ EPYC INSTINCT

Features

- Supports 4 x AMD Instinct™ MI250 OAM GPU modules
- Supports AMD Infinity Fabric Links technology
- Dual AMD EPYC™ 7003 series processor family
- 8-Channel RDIMM/LRDIMM DDR4, 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
- 6 x Low profile Gen4 x16 expansion slots
- 1 x OCP 3.0 Gen4 x16 mezzanine slot
- 3000W 80 PLUS Platinum redundant power supply

Specification

Dimensions	2U (W448 x H86.8 x D850 mm)	**Backplane I/O**	4 x 2.5" NVMe/ SATA hybrid ports Speed and bandwidth: PCIe Gen4 or SATA 6Gb/s
Motherboard	MZ62-HD5 Rev. 3.0	**TPM**	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
CPU	AMD EPYC™ 7003 Series processors Dual processors, 7nm, cTDP up to 280W Up to 64-core, 128 threads per processor Compatible with AMD EPYC™ 7002 Series processors	**Power Supply**	2 x 3000W redundant power supply AC Input: 115-240V
		System Management	Aspeed® AST2500 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
Chipset	System on Chip	**OS Compatibility**	Windows Server 2016 / 2019 RHEL 8.3 (x64) or later
Memory	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 MHz		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
LAN	2 x 1GbE LAN ports (1 x Intel® I350-AM2) 1 x 10/100/1000 management LAN	**System Fans**	2 x 60x60x76mm (21,700rpm) 5 x 80x80x80mm (17,000rpm)
Video	Integrated in Aspeed® AST2500 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM	**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)
Storage	4 x 2.5" Gen4 U.2 NVMe/ SATA/ SAS hot-swap HDD/SSD bays SAS card is required for SAS devices support		
Expansion Slots	Pre-installed with 4 x AMD MI250 OAM GPU modules - 128GB HBM2e Memory per OAM module - Up to 6 x GPU-GPU Infinity Links at 25Gbps 6 x Low profile PCIe Gen4 x16 expansion slots 1 x OCP 3.0 mezzanine slot with PCIe Gen4 x16 bandwidth 3 x M.2 slots with PCIe Gen4 x4 bandwidth	**Package Contents**	1 x G262-Z00 2 x CPU fan-sinks 1 x Rail kit
		Reference Numbers	Barebone with rail kit: 6NG262ZO0MR-00-A00 - Motherboard: 9MZ62HD5NR-00 - Rail kit: 25HB2-A86102-K0R - CPU fan-sink: 25ST1-3532G0-M1R/25ST1-3532G1-M1R - Power supply: 25EP0-230003-D0S
Front I/O	1 x USB 3.0, 1 x mini-DP, 2 x RJ45, 1 x MLAN		
Rear I/O	N/A		

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