GIGABYTE™

G262-IR0
HPC Server - 2U DP SXM4 A100 4-GPU

Features
- Hardware-level root of trust support
- Supports NVIDIA HGX™ A100 with 4 x SXM4 GPU
- Supports NVIDIA® NVLink® and NVSwitch™ technology
- Up to 600GB/s GPU to GPU interconnection
- Dual 3rd Gen. Intel® Xeon® Scalable Processors
- 8-Channel RDIMM/LRDIMM DDR4, 16 x DIMMs
- Intel® C621A Express Chipset
- Dual ROM Architecture supported
- 1 x dedicated management port
- 4 x 2.5" Gen4 U.2 NVMe/ SATA hot-swap HDD/SSD bays
- 6 x Low profile Gen4 x16 expansion slots
- 1 x OCP 3.0 Gen4 x16 mezzanine slot
- 2+0 3000W 80 PLUS Platinum power supply

Specification
- Dimensions: 2U (W448 x H86.8 x D800 mm)
- Motherboard: MH62-HD2
- CPU: 3rd Generation Intel® Xeon® Scalable Processors
- Socket: 2 x LGA 4189 (Socket P+)
- Chipset: Intel® C621A Express Chipset
- Memory: 8-Channel DDR4 memory, 32 x DIMM slots
- LAN: 1 x Dedicated management ports
- Video: Integrated in Aspeed® AST2600
- Storage: 4 x 2.5" Gen4 U.2 NVMe/ SATA/ SAS hot-swap HDD/SSD bays
- Expansion Slots: 4 x SXM4 sockets for NVIDIA HGX™ A100 4-GPU 40GB/80GB
- Front I/O: 2 x USB 3.0
- Rear I/O: -

Backplane I/O
- 4 x 2.5" NVMe/ SATA hybrid ports
- Speed and bandwidth: PCIe Gen4 or SATA 6Gb/s

TPM
- 1 x TPM header with SPI interface
- Optional TPM2.0 kit: CTM010

Power Supply
- Dual 3000W 80 PLUS Platinum power supply
- AC Input: 100-240V

System Management
- Aspeed® AST2600 management controller
- GIGABYTE Management Console (AMI MegaRAC SP-X)

OS Compatibility
- Windows Server 2016 / 2019
- RHEL 8.2 (x64) / 8.3 (x64) or later
- SLES 12 SP5 (x64) / 15 SP2 (x64) or later
- Ubuntu 20.04 LTS (x64) / 20.04.1 LTS (x64) or later
- VMware ESXi 6.7 Update3 P03 / 7.0 Update2
- Citrix Hypervisor 8.2.0

System Fans
- 2 x 60x60x76mm (21,700rpm)
- 5 x 80x80x80mm

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)

Packaging Content
- 1 x G262-IR0
- 2 x CPU fan-sinks
- 1 x Rail kit

Reference Numbers
- Barebone with rail kit: 6NG262ZP0MR-800 (80GB module)
- Motherboard: 9MH62HD2NR-00
- Rail kit: 25HB2-A96102-KOR
- GPU heat-sink: 25ST1-2532G0-F2R
- Power supply: 25EP0-230003-DGS

Learn more about GIGABYTE server solutions, visit www.gigabyte.com/Enterprise

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