

G363-SR0-LAX1

HPC/AI Server - 3U DP HGX H100 4-GPU DLC



Features

- Supports Liquid cooling NVIDIA HGX™ H100 4-GPU
- Supports NVIDIA® NVLink® technology
- Up to 300GB/s GPU to GPU interconnection
- 4th Gen Intel® Xeon® Scalable Processors
- Intel® Xeon® CPU Max Series
- Dual processor, LGA 4677
- 8-Channel RDIMM DDR5 per processor, 16 x DIMMs
- Dual ROM Architecture
- 2 x 1Gb/s LAN & 2 x 10Gb/s BASE-T LAN ports
- 1 x Dedicated management port
- 8 x 2.5" Gen5 NVMe/SATA/SAS hot-swappable bays
- 1 x M.2 slot with PCIe Gen4 x4 interface
- 6 x LP PCIe Gen5 x16 slots
- 2+1 3000W 80 PLUS Titanium redundant power supplies

Specification

Dimensions	3U (W448 x H130 x D800 mm)	Rear I/O	2 x RJ45, 1 x MLAN (optional)
Motherboard	MS63-HD2	Backplane I/O	PCIe Gen5 x4 or SATA 6Gb/s or SAS 12Gb/s
CPU	4th Generation Intel® Xeon® Scalable Processors Intel® Xeon® CPU Max Series CPU TDP up to 350W	TPM	1 x TPM header with SPI interface (Optional TPM2.0 kit: CTM010)
Socket	2 x LGA 4677 (Socket E)	Power Supply	2+1 3000W 80 PLUS Titanium redundant power supplies AC Input: 115-240V
Chipset	Intel® C741 Chipset	System Management	Aspeed® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
Memory	8-Channel DDR5 memory, 16 x DIMM slots RDIMM modules up to 96GB supported 3DS RDIMM modules up to 256GB supported Memory speed: Up to 4800 MHz	OS Compatibility	Windows Server 2019 / 2022 RHEL 8.6 / 8.7 / 9.0 / 9.1 / 9.2 (x64) SLES 15 SP4 Ubuntu 22.04 / 22.04.1 / 22.04.2 / 22.04.3 LTS(x64) VMware ESXi 7.0 Update 3i / 8.0 / 8.0 Update 1 Citrix Hypervisor 8.2 LTSR CU1
LAN	Front side: 2 x 1Gb/s LAN ports (Intel® I350-AM2)* 1 x 10/100/1000 management LAN Rear side: 2 x 10Gb/s BASE-T LAN ports (Broadcom® BCM57416)* 1 x 10/100/1000 management LAN (optional) *Support NCSI function (by switch setting)	System Fans	4 x 80x80x80mm (17,000rpm)
Video	Integrated in Aspeed AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM	Operating Properties	Operating temperature: 10°C to 40°C Operating humidity: 8-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
Storage	8 x 2.5" Gen5 NVMe/SATA/SAS hot-swappable HDD/SSD bays SAS card is required for SAS devices support	Packaging Content	1 x G363-SR0, 1 x Liquid cooling kit, 6 x Carrier clips, 1 x Mini-DP to D-Sub cable, 1 x L-shape Rail kit
RAID	Intel® SATA RAID 0/1/10/5	Reference Numbers	Barebone w/ Nvidia module: 6NG363SR0DR000LAX1* Barebone w/ Nvidia module (RoT): 6NG363SR0MR000LAX1* - L-shape Rail kit: 25HB2-A86102-K0R - CPU liquid cooling kit: 25ST7-100006-C4R - GPU liquid cooling kit: 25ST7-3000Z5-C4R - Power supply: 25EPO-23000A-D0S - C19 power cord 125V/15A (US): 25CP1-018000-Q0R (optional) - C19 power cord 250V/16A (EU): 25CP3-01830H-Q0R (optional)
Expansion Slots	4 x SXM5 sockets for NVIDIA HGX™ H100 4-GPU 80GB module 6 x PCIe Gen5 x16 low-profile slots 1 x M.2 slot (M-key, PCIe Gen4 x4, support 2280/22110 card)	Front I/O	2 x USB 3.2 Gen1, 1 x mini-DP, 2 x RJ45, 1 x MLAN (default)



Learn more about GIGABYTE server, visit <https://www.gigacomputing.com>

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