

# G363-SR0-LAX1

HPC/AI Server - 5th/4th Gen Intel® Xeon® Scalable - 3U DP HGX™ H100 4-GPU DLC



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## Key Features

- Liquid-cooled NVIDIA HGX™ H100 4-GPU
- CPU+GPU direct liquid cooling solution
- 900GB/s 4th-generation NVIDIA NVLink™
- Dual 5th/4th Gen Intel® Xeon® Scalable Processors
- Dual Intel® Xeon® CPU Max Series
- 8-Channel DDR5 RDIMM, 16 x DIMMs
- Dual ROM Architecture
- 2 x 10Gb/s LAN ports via Broadcom® BCM57416
- 2 x 1Gb/s LAN ports via Intel® I350-AM2
- 8 x 2.5" Gen5 NVMe/SATA/SAS hot-swap 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

<b>Dimensions</b>	3U (W448 x H131 x D850.2 mm)	<b>Modular GPU</b>	Liquid-cooled NVIDIA HGX™ H100 with 4 x SXM5 GPUs
<b>Motherboard</b>	MS63-HD2	<b>PCIe Expansion Slots</b>	6 x LP PCIe Gen5 x16 <small>*The ambient temperature is limited to 30°C when NVIDIA® BlueField®-3 DPUs/SuperNIC™ are installed.</small>
<b>CPU</b>	5th Generation Intel® Xeon® Scalable Processors 4th Generation Intel® Xeon® Scalable Processors Intel® Xeon® CPU Max Series Dual processor, TDP up to 385W	<b>I/O Ports</b>	<b>Front:</b> 2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN (default) <b>Rear:</b> 2 x RJ45, 1 x MLAN
<b>OS Compatibility</b>	<a href="#">OS Support List</a>	<b>Backplane Board</b>	PCIe Gen5 x4 or SATA 6Gb/s or SAS 12Gb/s
<b>Socket</b>	2 x LGA 4677 (Socket E)	<b>TPM</b>	1 x TPM header (SPI), Optional TPM2.0 kit: CTM010
<b>Chipset</b>	Intel® C741	<b>Power Supply</b>	2+1 3000W 80 PLUS Titanium redundant power supplies AC Input: 115-240V <small>*The system power supply requires C19 power cord.</small>
<b>Memory</b>	8-Channel DDR5 RDIMM, 16 x DIMMs [5th Gen Intel Xeon] Up to 5600 MT/s [4th Gen Intel Xeon] Up to 4800 MT/s [Intel Xeon Max Series] Up to 4800 MT/s	<b>System Management</b>	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
<b>LAN</b>	<b>Front:</b> 2 x 1Gb/s LAN (1 x Intel® I350-AM2), Support NCSI 1 x 10/100/1000 Mbps Management LAN <b>Rear:</b> 2 x 10Gb/s LAN (1 x Broadcom® BCM57416), Support NCSI 1 x 10/100/1000 Mbps Management LAN	<b>System Fans</b>	4 x 80x80x80mm
<b>Video</b>	Integrated in ASPEED® AST2600 - 1 x Mini-DP	<b>Operating Properties</b>	Operating: 10°C to 40°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
<b>Storage</b>	<b>Front hot-swap:</b> 8 x 2.5" Gen5 NVMe/SATA/SAS <sup>[1]</sup> <b>Internal M.2:</b> 1 x M.2 (2280/22110), PCIe Gen4 x4 <small>[1] SAS card is required to support SAS drives.</small>	<small>*To ensure system stability and prevent condensation, when the relative humidity exceeds 50%, the coolant inlet temperature must be higher than the dry-bulb temperature and it should not exceed 45°C.</small>	
<b>RAID</b>	Intel® SATA RAID 0/1/10/5 Support <b>optional</b> RAID add-in cards	<b>Packaging Content</b>	1 x G363-SR0-LAX1 1 x Mini-DP to D-Sub cable 6 x Carriers 1 x L-shape Rail kit
		<b>Ordering Part Numbers</b>	6NG363SR0DR000LBX1*

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

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