

## G4L3-SD1-LAX3

HPC/AI Server - 4U DP HGX™ H200 8-GPU DLC



### Features

- Liquid-cooled NVIDIA HGX™ H200 8-GPU
- CPU+GPU direct liquid cooling solution with leak detection
- 900GB/s GPU-to-GPU bandwidth with NVLink® and NVSwitch™
- Dual 5th/4th Gen Intel® Xeon® Scalable Processors
- Dual Intel® Xeon® CPU Max Series
- 8-Channel DDR5 RDIMM, 32 x DIMMs
- Dual ROM Architecture
- Compatible with NVIDIA BlueField®-3 DPUs and ConnectX®-7 NICs
- 2 x 10Gb/s LAN ports via Intel® X710-AT2
- 2 x M.2 slots with PCIe Gen3 x2 and x1 interface
- 8 x 2.5" Gen5 NVMe/SATA hot-swap bays
- 4 x FHHL dual-slot PCIe Gen5 x16 slots
- 8 x FHHL single-slot PCIe Gen5 x16 slots
- 4+4 3000W 80 PLUS Titanium redundant power supplies

### Specification

<b>Dimensions</b>	4U (W447 x H175.3 x D900 mm)	<b>I/O Ports</b>	Front: 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN (default) Rear: 1 x MLAN
<b>Motherboard</b>	MSB3-PE0	<b>Backplane Board</b>	Speed and bandwidth: PCIe Gen5 x4 or SATA 6Gb/s
<b>Modular GPU</b>	Liquid-cooled NVIDIA HGX™ H200 with 8 x SXM GPUs	<b>TPM</b>	1 x TPM header with SPI interface - Optional TPM2.0 kit: CTM010
<b>CPU</b>	5th/4th Generation Intel® Xeon® Scalable Processors Intel® Xeon® CPU Max Series Dual processor, TDP up to 385W	<b>Power Supply</b>	4+4 3000W 80 PLUS Titanium redundant power supplies AC Input: 115-240V *The system power supply requires C19 power cord.
<b>Socket</b>	2 x LGA 4677 (Socket E)	<b>System Management</b>	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
<b>Chipset</b>	Intel® C741 Chipset	<b>OS Support</b>	Windows Server, Red Hat Enterprise Linux Server, VMware ESXi, SUSE Linux Enterprise, Ubuntu Server, Citrix Hypervisor
<b>Memory</b>	8-Channel DDR5 RDIMM, 32 x DIMM slots Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC)	<b>System Fans</b>	Motherboard: 2 x 60x60x56mm, 2 x 60x60x76mm PCIe slots: 4 x 80x80x56mm (15,500rpm) GPU tray: 4 x 60x60x38mm (24,000rpm)
<b>LAN</b>	2 x 10Gb/s LAN ports (1 x Intel® X710-AT2) - Support NCSI function 1 x 10/100/1000 management LAN	<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>Video</b>	Integrated in ASPEED® AST2600 - 1 x VGA port	<b>Packaging Content</b>	1 x G4L3-SD1-LAX3, 1 x CPU cold plate loop, 6 x Carriers, 1 x L-shape Rail kit
<b>Storage</b>	Front hot-swap: 8 x 2.5" Gen5 NVMe/SATA Internal M.2: 1 x M.2 (2280/22110), PCIe Gen3 x2 1 x M.2 (2280/22110), PCIe Gen3 x1	<b>Part Numbers</b>	Barebone w/ NVIDIA module: 6NG4L3SD1DR000LBX3*
<b>RAID</b>	Intel® SATA RAID 0/1/10/5 Support optional RAID add-in cards		
<b>Expansion Slots</b>	4 x FHHL dual-slot PCIe Gen5 x16 slots 8 x FHHL single-slot PCIe Gen5 x16 slots		



Learn more at <https://www.GIGABYTE.com/enterprise>

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