

G4L4-AD1-LAX5

HPC/AI Server - Intel® Xeon® 6900-Series Processors - 4U DP NVIDIA HGX™ B200 DLC



Key Features

- Liquid-cooled NVIDIA HGX™ B200
- CPU+GPU direct liquid cooling solution with leak detection
- 1.8 TB/s GPU-to-GPU bandwidth with NVIDIA NVLink™
- Dual Intel® Xeon® 6900-Series Processors
- 12-Channel DDR5 RDIMM/MRDIMM per CPU with 24 x DIMMs
- Compatible with NVIDIA BlueField® -3 DPUs and NVIDIA ConnectX® -7 NICs
- 2 x 10 Gb/s LAN ports via Intel® X710-AT2
- 2 x M.2 slots with PCIe Gen5 x4 and x2
- 8 x 2.5" Gen5 NVMe hot-swap bays
- 4 x FHHL dual-slot PCIe x16 slots with Gen5 x16 lanes
- 8 x FHHL single-slot PCIe x16 slots with Gen5 x16 lanes
- 4+4 3000 W 80 PLUS Titanium redundant power supplies

Specification

Dimensions	4U (W447 x H175.3 x D901 mm)	PCIe Expansion Slots	4 x FHHL x16 (Gen5 x16), dual-slot 8 x FHHL x16 (Gen5 x16), single-slot
Motherboard	MAB4-PE0		
CPU	Intel® Xeon® 6 Processors - Intel® Xeon® 6900-Series Processors [DLC] Dual processor, TDP up to 500 W		*The ambient temperature is limited to 30°C when NVIDIA BlueField® -3 DPUs/SuperNIC™ are installed.
OS Compatibility	OS Support List	I/O Ports	Front: 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN (default) Rear: 1 x MLAN
Socket	2 x LGA 7529 (Socket BR)	TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM012
Chipset	System on Chip	Power Supply	4+4 3000 W 80 PLUS Titanium redundant power supplies AC Input: 115-240 V
Memory	12-Channel DDR5 RDIMM/MRDIMM, 24 x DIMMs [RDIMM] Up to 6400 MT/s [MRDIMM] Up to 8800 MT/s ^[1]	System Fans	Motherboard: 2 x 60x60x56mm 2 x 60x60x76mm PCIe slots: 4 x 80x80x56mm GPU tray: 4 x 60x60x38mm
	^[1] MRDIMMs are supported only on select Intel® Xeon® 6 processors with P-cores.	Operating Properties	Operating: 10°C to 35°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
LAN	Front: 2 x 10 Gb/s LAN (1 x Intel® X710-AT2), Support NCSI 1 x 10/100/1000 Mb/s Management LAN Rear: 1 x 10/100/1000 Mb/s Management LAN	Packaging Content	1 x G4L4-AD1-LAX5 2 x Carriers 1 x L-shape Rail kit
Video	Integrated in ASPEED® AST2600 - 1 x VGA port	Ordering Part Numbers	6NG4L4AD1DR000LAX5*
Storage	Front hot-swap: 8 x 2.5" Gen5 NVMe Internal M.2: 1 x M.2 (2280/22110), PCIe Gen5 x4 1 x M.2 (2280/22110), PCIe Gen5 x2		
Modular GPU	[DLC] NVIDIA HGX™ B200 with 8 x SXM GPUs		



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

* All specifications are subject to change without notice. Please visit our website for the latest information.

* All trademarks and logos are the properties of their respective holders.

© 2026 Giga Computing Technology Co., Ltd. All rights reserved.

Last updated: May 27, 2026

Designed by

