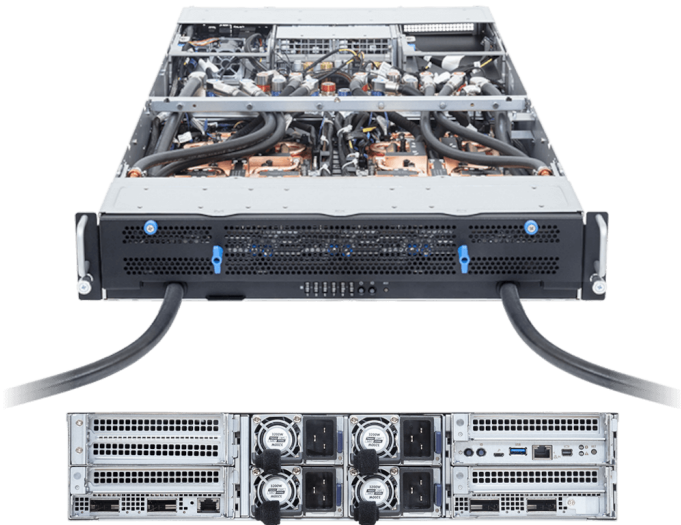


XN24-VC0-LA61

NVIDIA GB200 NVL4 Full-System DLC Server



Key Features

- Direct liquid-cooled NVIDIA GB200 NVL4 solution with integrated piping for over 85% system heat coverage
- 4 x 800 Gb/s liquid-cooled OSFP InfiniBand XDR or dual 400 Gb/s Ethernet GPU networking port via NVIDIA ConnectX®-8 SuperNIC™
- 4 x 186GB HBM3E GPU memory
- 2 x 480GB LPDDR5X ECC CPU memory
- 1 x 1Gb/s LAN port via Intel® I210-AT
- 8 x DLC 2.5" Gen5 NVMe
- 4 x DLC 2.5" Gen5 NVMe via NVIDIA® BlueField®-3 DPU (optional)
- 1 x M.2 slot with PCIe Gen5 x4 interface
- 1 x DLC FHHL PCIe Gen5 x16 slot for NVIDIA® BlueField®-3 DPUs
- 1 x FHHL PCIe Gen5 x16 slot
- 4 x 3200W 80 PLUS Titanium redundant power supplies

Applications

AI Platform, AI Training Server, AI Inference Server, High-Performance Computing Server, High Converged Server...

Specification

Dimensions	2U (W438 x H87 x D900 mm)	PCIe Expansion Slots	1 x liquid-cooled FHHL PCIe Gen5 x16, for DPUs 1 x FHHL PCIe Gen5 x16
CPU	2 x liquid-cooled NVIDIA GB200 Grace Blackwell Superchips Per superchip: - 1 x NVIDIA Grace™ CPU - 2 x NVIDIA Blackwell GPUs - CPU and GPU connected with NVIDIA NVLink™-C2C - GPU and GPU connected with NVIDIA NVLink™ - GPU TDP up to 1200W	I/O Ports	Rear: 1 x USB 3.2 Gen1, 1 x Mini-DP, 1 x RJ45, 1 x MLAN
OS Compatibility	OS Support List	TPM	RoT and Dual ROM TPM: CTM013
Memory	NVIDIA Grace™ CPU: - 480GB of LPDDR5X memory with ECC - Memory bandwidth up to 512GB/s NVIDIA Blackwell GPU: - 186GB HBM3E - Memory bandwidth up to 8TB/s	Power Supply	4 x 3200W 80 PLUS Titanium redundant power supplies AC Input: 100-240V *The system power supply requires C19 power cord.
LAN	4 x 800 Gb/s liquid-cooled OSFP InfiniBand XDR or dual 400 Gb/s Ethernet, for GPU networking 1 x 1Gb/s LAN (1 x Intel® I210-AT), Support NCSI 1 x 10/100/1000 Mbps Management LAN	System Fans	1 x 40x40x56mm
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	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)
Storage	Front: 8 x liquid-cooled 2.5" Gen5 NVMe Optional front: 4 x liquid-cooled 2.5" Gen5 NVMe ^[1] Internal M.2: 1 x M.2 (2242/2260/2280/22110), PCIe Gen5 x4 ^[1] Requires optional NVIDIA® BlueField®-3 DPU.	Packaging Content	1 x XN24-VC0-LA61 1 x Mini-DP to D-Sub cable 1 x 3-Section Rail kit
		Ordering Part Numbers	6NXN24VC0RR000LA61*
		Optional Parts	- Cable Management Arm: 25HB2-2AA700-K0R



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