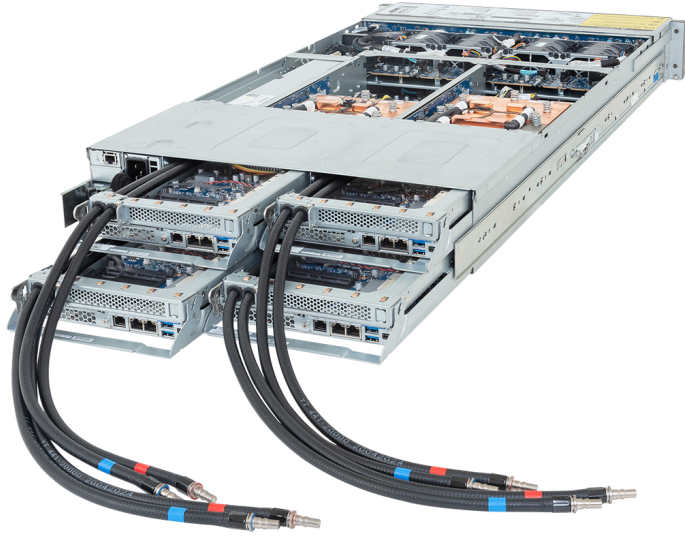


H263-V11-LAW1

HPC/AI Arm Server - 2U 4-Node 16-Bay Gen5 NVMe DLC



Key Features

- Direct liquid cooling solution with leak detection
- CPU+GPU design for giant-scale AI and HPC
- 2U 4-node rear access server system
- NVIDIA GH200 Grace Hopper Superchip
- 900GB/s NVIDIA® NVLink®-C2C Interconnect
- 480GB CPU LPDDR5X ECC memory per module
- Up to 144GB GPU HBM3e per module
- Compatible with NVIDIA BlueField®-3 DPUs
- 8 x 10Gb/s LAN ports via Intel® X550-AT2
- 1 x CMC port
- 16 x 2.5" Gen5 NVMe hot-swap bays
- 8 x M.2 slots with PCIe Gen5 x4 interface
- 4 x FHHL PCIe Gen5 x16 slots
- 4 x OCP NIC 3.0 PCIe Gen5 x16 slots
- Triple 3000W 80 PLUS Titanium redundant power supply

Specification

Dimensions	2U 4-Node - Rear access (W440 x H87.5 x D850 mm)	I/O Ports	Front: 1 x CMC status LED, 1 x CMC reset button Rear: 8 x USB 3.2 Gen1, 4 x Mini-DP, 8 x RJ45, 4 x MLAN, 1 x CMC port
Motherboard	MV13-HD0	Backplane Board	PCIe Gen5 x4
CPU	Per node: NVIDIA GH200 Grace Hopper Superchip: - 1 x NVIDIA Grace™ CPU - 1 x NVIDIA Hopper™ GPU - Connected with NVIDIA® NVLink®-C2C - TDP up to 1000W (CPU + GPU + memory)	TPM	1 x TPM header (SPI), Optional TPM2.0 kit: CTM012
OS Compatibility	OS Support List	Power Supply	Triple 3000W 80 PLUS Titanium redundant power supply AC Input: 100-240V *The system power supply requires C19 power cord.
Memory	Per node: NVIDIA Grace CPU: - 480GB of LPDDR5X memory with ECC - Memory bandwidth up to 512GB/s NVIDIA Hopper GPU: - 96GB HBM3 (or 144GB HBM3e) - Memory bandwidth up to 4TB/s (or 4.9TB/s)	System Management	ASPEED® AST2600 Baseboard Management Controller ASPEED® AST2520 Chassis Management Controller GIGABYTE Management Console web interface
Lan	8 x 10Gb/s LAN (4 x Intel® X550-AT2), Support NCSI 4 x 10/100/1000 Mbps Management LAN 1 x CMC Management LAN	System Fans	4 x 80x80x80mm (16,500rpm)
Video	Integrated in ASPEED® AST2600 x 4 - 4 x Mini-DP	Operating Properties	Operating: 10°C~40°C, 8%~80% (non-condensing) Non-operating: -40°C~60°C, 20%~95% (non-condensing)
Storage	Front hot-swap: 16 x 2.5" Gen5 NVMe Internal M.2: 8 x M.2 (2280/22110), PCIe Gen5 x4	Packaging Content	1 x H263-V11-LAW1 4 x Superchip cold plate loops 1 x Mini-DP to D-Sub cable 1 x 3-Section Rail kit
PCIe Expansion Slots	4 x FHHL PCIe Gen5 x16 4 x OCP NIC 3.0 PCIe Gen5 x16	Ordering Part Numbers	6NH263V11DR00LAW1*
		Optional Parts	- C19 power cord 125V/15A (US): 25CP1-018000-Q0R - C19 power cord 250V/16A (EU): 25CP3-01830H-Q0R - C19 power cord 125V/15A (JP): 25CPA-01830B-Q0R - GIGABYTE Superchip cold plate loop: 25H26-3V10000-E29X - GIGABYTE 2U4N Manifold: 25H27-3Z80000-E07X



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

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