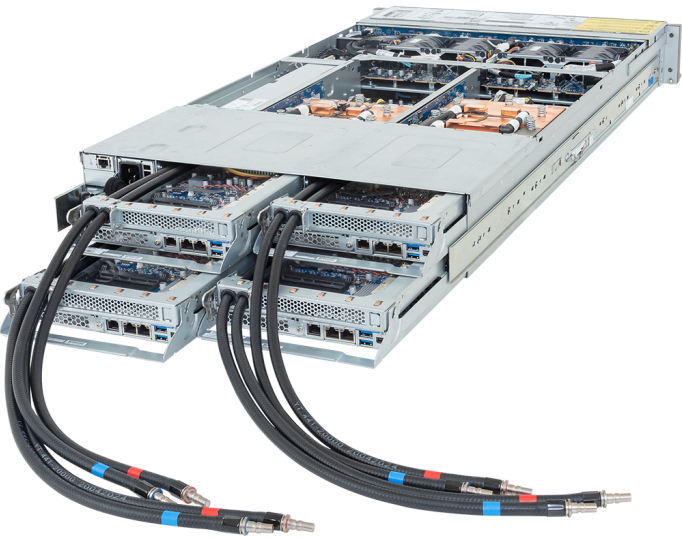


H263-V11-LAW1

HPC/AI Arm Server - NVIDIA GH200 Grace Hopper Superchip - 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
- 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 2.5" Gen5 NVMe hot-swap bays via NVIDIA® BlueField®-3 DPUs (optional)
- 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 Fans	4 x 80x80x80mm
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	Operating Properties	Operating: 10°C to 40°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing) *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.
Video	Integrated in ASPEED® AST2600 x 4 - 4 x Mini-DP	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
Storage	Front hot-swap: 16 x 2.5" Gen5 NVMe Optional front hot-swap: 8 x 2.5" Gen5 NVMe ^[1] Internal M.2: 8 x M.2 (2280/22110), PCIe Gen5 x4 ^[1] Requires optional NVIDIA® BlueField®-3 DPUs.	Ordering Part Numbers	6NH263V11DR000LAW1*
PCIe Expansion Slots	4 x FHHL PCIe Gen5 x16 4 x OCP NIC 3.0 PCIe Gen5 x16, Support NCSI	Optional Parts	- GIGABYTE Superchip cold plate loop: 25H26-3V10000-E29X - GIGABYTE 2U4N Manifold: 25H27-3Z80000-E07X



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