

H263-V60-LAW1

High Density Arm Server - NVIDIA Grace™ CPU Superchip - 2U 4-Node 16-Bay Gen5 NVMe DLC



Key Features

- Direct liquid cooling solution with leak detection
- High-performance CPU for HPC and cloud computing
- 2U 4-node rear access server system
- NVIDIA Grace™ CPU Superchip
- 900GB/s NVIDIA NVLink™-C2C Interconnect
- Up to 960GB LPDDR5X ECC memory per module
- Compatible with NVIDIA® BlueField®-3 DPUs
- 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
- 2+1 3000W 80 PLUS Titanium redundant power supplies

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 VGA, 4 x MLAN, 1 x CMC port
Motherboard	MV63-HD0	Backplane Board	PCIe Gen5 x4
CPU	Per node: NVIDIA Grace™ CPU Superchip: - 2 x NVIDIA Grace™ CPUs - Connected with NVIDIA NVLink™-C2C - TDP up to 500W (CPU + memory)	TPM	1 x TPM header (SPI), Optional TPM2.0 kit: CTM012
OS Compatibility	OS Support List	Power Supply	2+1 3000W 80 PLUS Titanium redundant power supplies AC Input: 100-240V *The system power supply requires C19 power cord.
Memory	Per node: 480GB (or 960GB) of LPDDR5X memory with ECC Memory bandwidth up to 1TB/s (or 768GB/s)	System Fans	4 x 80x80x80mm
LAN	4 x 10/100/1000 Mbps Management LAN 1 x CMC Management LAN	Operating Properties	Operating: 10°C to 35°C, 10% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 90% (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 VGA ports	Packaging Content	1 x H263-V60-LAW1 4 x Superchip cold plate loops 1 x 3-Section Rail kit
Storage	Front hot-swap: 16 x 2.5" Gen5 NVMe Internal M.2: 8 x M.2 (2280/22110), PCIe Gen5 x4	Ordering Part Numbers	6NH263V60MR000LAW1*
PCIe Expansion Slots	4 x FHHL PCIe Gen5 x16 4 x OCP NIC 3.0 PCIe Gen5 x16	Optional Parts	- GIGABYTE Superchip cold plate loop: 25H26-3V60000-E43X - GIGABYTE 2U4N Manifold: 25H27-3Z80000-E07X



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