

# H263-V60-AAW1

## High Density Arm Server - 2U 4-Node 16-Bay NVMe



### Features

- High-performance CPU for HPC and cloud computing
- 2U 4-node rear access server system
- NVIDIA Grace CPU Superchip
- 900GB/s NVLink-C2C Interconnect
- Up to 960GB LPDDR5X ECC memory per module
- Compatible with NVIDIA BlueField®-3 DPUs
- 4 x Dedicated management and 1 x CMC ports
- 16 x 2.5" Gen5 NVMe hot-swappable bays
- 8 x M.2 slots with PCIe Gen5 x4 interface
- 8 x LP PCIe Gen5 x16 slots
- 4 x OCP 3.0 Gen5 x16 slots
- 2+1 3000W 80 PLUS Titanium redundant power supplies

### Specification

<b>Dimensions</b>	2U 4-Node - Rear access (W440 x H87.5 x D850 mm)	<b>TPM</b>	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM012
<b>Motherboard</b>	MV63-HD0	<b>Power Supply</b>	2+1 3000W 80 PLUS Titanium redundant power supplies AC Input: 100-240V
<b>Superchip (per node)</b>	NVIDIA Grace CPU Superchip: - 2 x Grace CPUs - Connected with NVLink-C2C - TDP up to 500W (CPU + memory)	<b>System Management</b>	ASPEED AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
<b>Memory (per node)</b>	Up to 960GB of LPDDR5X memory with ECC Memory bandwidth up to 1TB/s	<b>OS Compatibility</b>	Ubuntu 22.04.3 arm64 Red Hat Enterprise Linux server 9.3 aarch64
<b>LAN</b>	4 x Dedicated management ports 1 x CMC port	<b>System Fans</b>	4 x 80x80x80mm (16,500rpm)
<b>Video</b>	Integrated in Aspeed® AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp  Management chip on CMC board: Integrated in ASPEED AST2520A2-GP	<b>Operating Properties</b>	Operating temperature: 10°C to 30°C Operating humidity: 10-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-90% (non-condensing)
<b>Storage</b>	Total 16 x 2.5" Gen5 NVMe hot-swappable bays	<b>Packaging Content</b>	1 x H263-V60-AAW1 8 x Superchip heatsinks 1 x 3-Section Rail kit
<b>Expansion Slots</b>	8 x LP PCIe Gen5 x16 slots 4 x OCP 3.0 Gen5 x16 slots  8 x M.2 slots: M-key, PCIe Gen5 x4, supports 2280/22110 cards	<b>Reference Numbers</b>	Barebone w/ Nvidia module: 6NH263V60MR000AAW1* - Motherboard: 9MV63HD0UR-000 - 3-Section Rail kit: 25HB2-A66125-K0R - Superchip heatsink: 25ST1-2532Z1-A0R - Superchip heatsink: 25ST1-2532Z4-A0R - Power supply: 25EP0-23000L-L0S
<b>Rear I/O</b>	8 x USB 3.2 Gen1, 4 x VGA, 4 x MLAN, 1 x CMC port		



Learn more about GIGABYTE server, visit <https://www.gigacomputing.com>

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