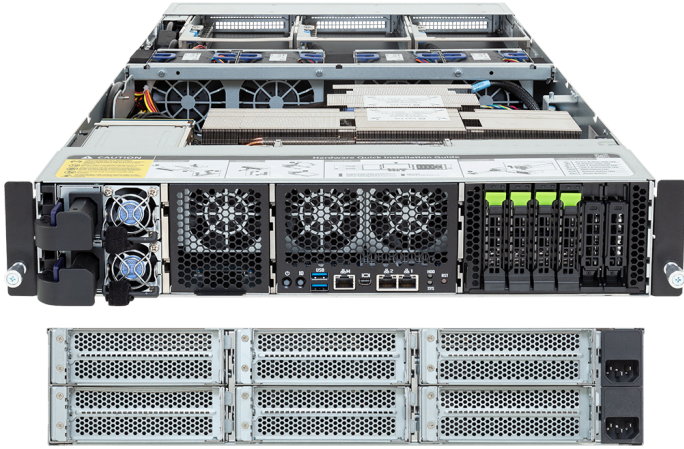


XH23-VG0-AAJ1

NVIDIA MGX™ Arm Server - NVIDIA GH200 Grace Hopper™ Superchip - 2U UP 4-Bay Gen5 NVMe



Key Features

- NVIDIA-Certified Systems™ - NVIDIA ARM CPU Systems
- NVIDIA MGX™ modular server design
- CPU+GPU design for giant-scale AI and HPC
- Single NVIDIA GH200 Grace Hopper™ Superchip
- 900 GB/s NVIDIA NVLink®-C2C Interconnect
- 480 GB CPU LPDDR5X ECC memory
- Up to 144 GB GPU HBM3e
- Compatible with NVIDIA BlueField®-3 DPUs
- 2 x 10 Gb/s LAN ports via Intel® X550-AT2
- 4 x 2.5" Gen5 NVMe bays
- 2 x M.2 slots with PCIe Gen5 x4
- 3 x FHFL PCIe x16 slots with Gen5 x16 lanes
- 1+1 2000 W 80 PLUS Titanium redundant power supplies

Specification

Dimensions	2U (W438 x H87 x D900 mm)	PCIe Expansion Slots	3 x FHFL x16 (Gen5 x16)
Motherboard	MVG3-MG0	I/O Ports	Front: 2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN
CPU	NVIDIA GH200 Grace Hopper™ Superchip: - 1 x NVIDIA Grace™ CPU - 1 x NVIDIA Hopper™ GPU - Connected with NVIDIA NVLink™-C2C - TDP up to 1000 W (CPU + GPU + memory)	TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM012
OS Compatibility	OS Support List	Power Supply	1+1 2000 W 80 PLUS Titanium redundant power supplies AC Input: 100-240 V
Memory	NVIDIA Grace CPU: - 480 GB of LPDDR5X memory with ECC - Memory bandwidth up to 512 GB/s NVIDIA Hopper GPU: - 96 GB HBM3 (or 144 GB HBM3E) - Memory bandwidth up to 4 TB/s (or 4.9 TB/s)	System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
LAN	2 x 10 Gb/s LAN (1 x Intel® X550-AT2), Support NCSI 1 x 10/100/1000 Mb/s Management LAN	System Fans	3 x 60x60x56mm 4 x 80x80x80mm
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: 4 x 2.5" Gen5 NVMe Internal M.2: 2 x M.2 (2242/2260/2280/22110), PCIe Gen5 x4	Packaging Content	1 x XH23-VG0-AAJ1 2 x Superchip heatsinks 1 x Mini-DP to D-Sub cable 1 x 3-Section Rail kit
		Ordering Part Numbers	96 GB HBM3: 6NXH23VG0MR000AAJ1* 144 GB HBM3E: 6NXH23VG0MR000ABJ1*
		Optional Parts	- Cable Management Arm: 25HB2-2AA700-K0R



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

* All specifications are subject to change without notice. Please visit our website for the latest information.

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