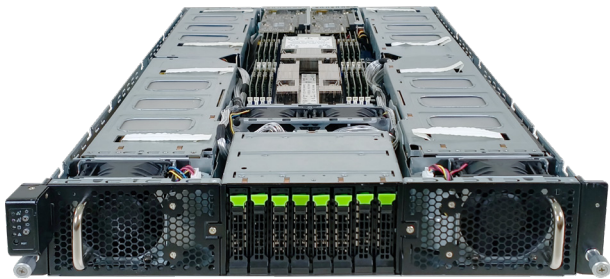


G293-S47-AAP1

HPC/AI Server - 2U DP NVIDIA OVX™ 4 GPUs

 **NVIDIA**
Certified



Features

- NVIDIA-Certified Systems™ - OVX Servers
- Optimized for NVIDIA OVX™ L40S Server with 4 GPUs
- Dual 5th/4th Gen Intel® Xeon® Scalable Processors
- 8-Channel DDR5 RDIMM, 16 x DIMMs
- Dual ROM Architecture
- 2 x 10Gb/s LAN ports via Broadcom® BCM57416
- 8 x 2.5" Gen5 NVMe/SATA hot-swappable bays
- Dual 3000W 80 PLUS Titanium redundant power supply

Application

AI, AI Inference, AI Training, Visual Computing, High-Performance Computing Server

Specification

Dimensions	2U (W448 x H87.5 x D800 mm)	Rear I/O	2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN
Motherboard	MS43-G21	Backplane I/O	PCIe Gen5 x4 or SATA 6Gb/s
CPU	5th/4th Generation Intel® Xeon® Scalable Processors Dual processor, TDP up to 225W - NVIDIA OVX Spec: 2 x Intel® Xeon® Gold 6448Y	TPM	1 x TPM header with SPI interface (Optional TPM2.0 kit: CTM010)
Socket	2 x LGA 4677 (Socket E)	Power Supply	Dual 3000W 80 PLUS Titanium redundant power supply AC Input: 100-240V
Chipset	Intel® C741 Chipset	System Management	ASPEED® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
Memory	8-Channel DDR5 memory, 16 x DIMM slots RDIMM modules up to 96GB supported 3DS RDIMM modules up to 256GB supported Memory speed: Up to 5600 MT/s - NVIDIA OVX Spec: Minimum 384GB DDR5 ECC (1 DIMM per slot)	OS Compatibility	Windows Server 2019 / 2022 RHEL 8.6 / 8.7 / 8.8 / 8.9 / 8.10 / 9.0 / 9.1 / 9.2 / 9.3 / 9.4 SLES 15 SP4 / SP5 / SP6 Ubuntu 22.04 / 22.04.1 / 22.04.2 / 22.04.3 / 22.04.4 / 24.04 LTS VMware ESXi 7.0 Update 3o / 8.0 Update 1, Update 2, Update 3 Citrix Hypervisor 8.2 LTSR CU1
LAN	2 x 10Gb/s LAN ports (1 x Broadcom® BCM57416) - Supported NCSI 1 x 10/100/1000 management LAN	System Fans	6 x 80x80x38mm (18,300rpm)
Video	ASPEED® AST2600 Integrated 2D Graphic Adapter	Operating Properties	Operating temperature: 10°C to 35°C Operating humidity: 8-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
Storage	8 x 2.5" Gen5 NVMe/SATA/SAS hot-swappable bays - NVIDIA OVX Spec: 1 x 1TB NVMe Host Boot Drive - NVIDIA OVX Spec: 2 x 4TB NVMe Host Storage	Packaging Content	1 x G293-S47-AAP1, 2 x CPU heatsinks, 4 x GPU power cables, 6 x Carrier clips, 1 x L-shape Rail kit
RAID	Intel® SATA RAID 0/1/10/5	Part Numbers	Barebone package (5th/4th Gen): 6NG293S47DR000ABP1* Barebone package (4th Gen): 6NG293S47DR000AAP1* - L-shape Rail kit: 25HB2-A86102-K0R - CPU heatsink: 25ST1-35320F-C1R/25ST1-453207-C1R - Power supply: 25EP0-230005-G1S - C19 power cord 125V/15A (US): 25CP1-018000-Q0R (optional) - C19 power cord 250V/16A (EU): 25CP3-01830H-Q0R (optional) - C19 power cord 125V/15A (JP): 25CPA-01830B-Q0R (optional) - RMA packaging: 6NG293S47SR-RMA-A100 (optional)
Expansion Slots	4 x PCIe Gen4 x16 FHFL slots for GPUs - NVIDIA OVX Spec: 4 x NVIDIA L40S 1 x PCIe Gen4 x16 FHFL slot - NVIDIA OVX Spec: 1 x BlueField-3, B3220 (2x200Gb) 2 x PCIe Gen5 x16 low-profile slots - NVIDIA OVX Spec: 2 x ConnectX-7 (2x200Gb)		
Internal I/O	1 x TPM header, 1 x VROC connector		



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

Designed by

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