G293-S41-AAP1

GPU Server - 2U DP 4-GPU 8-bay NVMe/SATA

intel XEON

Features

- Supports up to 4 x double slot Gen5 GPU cards
- 4th Gen Intel® Xeon® Scalable Processors
- Dual processors, LGA4677
- 8-Channel RDIMM DDR5 per processor, 24 x DIMMs
- Dual ROM Architecture supported
- 2 x 10Gb/s BASE-T LAN ports (Intel® X710-AT2)
- 1 x Dedicated management port
- 4 x Gen5 NVMe/ SATA + 4 x SATA 2.5" hot-swappable bays
- 4 x PCIe Gen5 x16 or 8 x Gen5 x8 expansion slots for GPUs
- 2 x PCIe Gen5 x16 low-profile slots for add-on cards
- Dual 3000W 80 PLUS Titanium redundant power supply

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-G20	**Backplane I/O**	PCIe Gen5 x4 or SATA 6Gb/s or SAS 12Gb/s
CPU	4th Generation Intel® Xeon® Scalable Processors Intel® Xeon® Platinum Processor, Intel® Xeon® Gold Processor, Intel® Xeon® Silver Processor CPU TDP up to 225W	**TPM**	1 x TPM header with SPI interface (Optional TPM2.0 kit: CTM010)
		Power Supply	Dual 3000W 80 PLUS Titanium redundant power supply AC Input: 100-240V
Socket	2 x LGA 4677 (Socket E)	**System Management**	Aspeed® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
Chipset	Intel® C741 Chipset	**OS Compatibility**	Windows Server 2019 / 2022 RHEL 8.4 / 8.5 / 8.6 / 8.7 / 9.0 / 9.1 (x64) SLES 15 SP3 / 15 SP4 (x64) Ubuntu 22.04 LTS / 22.04.1 LTS (x64) VMware ESXi 7.0 Update 3i / 8.0 Citrix Hypervisor 8.2.1
Memory	8-Channel DDR5 memory, 24 x DIMM slots RDIMM modules up to 128GB supported 3DS RDIMM modules up to 256GB supported Memory speed: Up to 4800 MHz (1DPC), 4400 MHz (2DPC)		
LAN	2 x 10Gb/s BASE-T LAN ports (Intel® X710-AT2) Supported NCSI function 1 x 10/100/1000 management LAN	**System Fans**	8 x 80x80x38mm (18,300rpm)
Video	Integrated in Aspeed AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM	**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	4 x 2.5" Gen5 NVMe/SATA/SAS hot-swappable bays 4 x 2.5" SATA/SAS hot-swappable bays SAS card is required for SAS devices support	**Packaging Content**	1 x G293-S41, 2 x CPU heatsinks, 6 x Carrier clips, 1 x Rail kit Packaging Dimensions: 1133 x 724 x 261 mm
RAID	Intel® SATA RAID 0/1/10/5		
Expansion Slots	4 x PCIe Gen5 x16 or 8 x PCIe Gen5 x8 slots for GPUs 2 x PCIe Gen5 x16 low-profile slots	**Reference Numbers**	Barebone with rail kit: 6NG293S41DR000AAP1* - Motherboard: 9MS43G20UR-000 - Rail kit: 25HB2-A86102-K0R - CPU heatsink: 25ST1-35320F-C1R/25ST1-453207-C1 - 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)
Front I/O	N/A		

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

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