

G493-ZB0-AAP1

GPU Server - 4U DP 8 x Gen5 PCIe GPU



Features

- Supports up to 8 x Dual slot Gen5 GPU cards
- AMD EPYC™ 9004 Series processors
- Dual processor, 5nm technology
- 12-Channel RDIMM DDR5, 24 x DIMMs
- Dual ROM Architecture
- 2 x 10Gb/s BASE-T LAN ports
- 1 x Dedicated management port
- 2 x M.2 slots with PCIe Gen3 x4 and x1 interface
- 8 x FHFL PCIe Gen5 x16 slots for GPUs
- 2 x FHFL PCIe Gen5 x16 slots
- 3+1 3000W 80 PLUS Titanium redundant power supplies

Specification

Dimensions	4U (W448 x H176 x D880 mm)	Backplane I/O	N/A
Motherboard	MZB3-G43	TPM	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
CPU	AMD EPYC™ 9004 series processor AMD EPYC™ 9004 Series processors with AMD 3D V-Cache™ Dual processor, 5nm technology cTDP up to 300W at ambient 35°C 2 x LGA 6096 Socket SP5	Power Supply	3+1 3000W 80 PLUS Titanium redundant power supply AC Input: 100-240V
Chipset	System on Chip	System Management	Aspeed® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
Memory	24 x DIMM slots 12-Channel DDR5 memory, up to 4800 MHz RDIMM modules up to 96GB supported 3DS RDIMM modules up to 256GB supported	OS Compatibility	Windows Server 2019 / 2022 RHEL 8.6 / 8.7 / 8.8 / 9.0 / 9.1 / 9.2 (x64) SLES 15 SP4 / 15 SP3 SP5 (x64) Ubuntu 20.04.6 / 22.04 / 22.04.1 / 22.04.2 / 22.04.3 LTS (x64) VMware ESXi 7.0 Update 3i / 8.0 / 8.0 Update 1 Citrix Hypervisor 8.2 LTSR CU1
LAN	2 x 10Gb/s BASE-T LAN ports (Intel® X710-AT2) Supported NCSI function 1 x 10/100/1000 management LAN	System Fans	12 x 60x60x38mm (23,000rpm)
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	N/A	Packaging Content	1 x G493-ZB0, 2 x CPU heatsinks, 1 x L-shape Rail kit
Expansion Slots	8 x PCIe Gen5 x16 FHFL slots for GPUs 2 x PCIe Gen5 x16 FHFL slots 1 x M.2 slot (M-key, PCIe Gen3 x1, supports 2280/ 22110) 1 x M.2 slot (M-key, PCIe Gen3 x4, supports 2280/ 22110)	Reference Numbers	Barebone with rail kit: 6NG493ZB0DR000AAP1* - Motherboard: 9MZB3G43UR-000 - L-shape Rail kit: 25HB2-A96100-K0R - CPU fansink: 25ST0-0Z6023-C1R - Power supply: 25EP0-23000C-D0S - C19 power cord 125V/15A (US): 25CP1-018000-Q0R (optional) - C19 power cord 250V/16A (EU): 25CP3-01830H-Q0R (optional)
Front I/O	2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN		
Rear I/O	N/A		



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

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