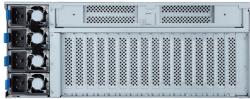
## GIGABYTE

# G493-ZB2-AAP1

### HPC/AI Server - 4U DP 8 x PCIe Gen5 GPUs





Specification

### **Key Features**

- Supports up to 8 x Dual slot Gen5 GPUs
- Dual AMD EPYC<sup>™</sup> 9005/9004 Series Processors

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- 12-Channel DDR5 RDIMM, 48 x DIMMs
- Dual ROM Architecture
- 2 x 1Gb/s LAN ports via Intel<sup>®</sup> I350-AM2
- 12 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 2 x M.2 slots with PCIe Gen3 x4 interface
- 8 x FHFL PCIe Gen5 x16 slots for GPUs
- 4 x FHFL PCIe Gen5 x16 slots
- 2 x LP PCIe Gen5 x16 slots on the front side
- 3+1 3000W 80 PLUS Titanium redundant power supplies

#### Application

AI, AI Training, AI Inference, Visual Computing, HPC

#### Dimensions 4U (W448 x H176 x D880 mm) RAID Require RAID add-in cards Motherboard MZB3-G41 I/O Ports Front: 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN AMD EPYC<sup>™</sup> 9005 Series Processors Backplane Board PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s CPU AMD EPYC<sup>™</sup> 9004 Series Processors Security Modules 1 x TPM header with SPI interface (Optional TPM2.0 kit: CTM010) Dual processor, cTDP up to 400W - At ambient 25°C, cTDP up to 500W 3+1 3000W 80 PLUS Titanium redundant power supplies Power Supply AC Input: 100-240V Sock 2 x LGA 6096 (Socket SP5) The system power supply requires C19 power cord. System on Chip Chipset System ASPEED® AST2600 Baseboard Management Controller Management GIGABYTE Management Console web interface 12-Channel DDR5 RDIMM, 48 x DIMMs Memory [EPYC 9005] Up to 5200 MT/s (1DPC), 4400 MT/s (1R 2DPC), **OS Support** Windows Server, Red Hat Enterprise Linux server, Ubuntu, 4000 MT/s (2R 2DPC) SUSE Linux Enterprise server, VMware ESXi, Citrix Hypervisor [EPYC 9004] Up to 4800 MT/s (1DPC), 3600 MT/s (2DPC) System Fans 12 x 60x60x38mm (23,000rpm) 2 x 1Gb/s LAN (1 x Intel® I350-AM2) - Supports NCSI LAN 1 x 10/100/1000 Mbps Management LAN Operating Operating temperature: 10°C to 35°C Properties Operating humidity: 8%-80% (non-condensing) Video Integrated in ASPEED® AST2600 Non-operating temperature: -40°C to 60°C - 1 x VGA port Non-operating humidity: 20%-95% (non-condensing) Storage Front hot-swap: 1 x G493-ZB2-AAP1, 2 x CPU fansinks, 1 x L-shape Rail kit, Packaging 12 x 2.5" Gen5 NVMe/SATA/SAS-4 Content 8 x GPU power cables SAS card is required to support SAS drives. Packaging Dimensions: 1200 x 800 x 444 mm w/ pallet Internal M.2: 2 x M.2 (2280/22110), PCIe Gen3 x4 Part Numbers Barebone package: 6NG493ZB2DR000ACP1\* Optional parts: 8 x FHFL PCIe Gen5 x16 slots for GPUs (with PCIe switches) Expansion - C19 power cord 125V/15A (US): 25CP1-018000-Q0R 4 x FHFL PCIe Gen5 x16 slots (with PCIe switches) Slots - C19 power cord 250V/16A (EU): 25CP3-01830H-Q0R 2 x LP PCIe Gen5 x16 slots on the front side - C19 power cord 125V/15A (JP): 25CPA-01830B-Q0R The system is validated for use with a single GPU model. - RMA packaging: 6NG493ZB2SR-RMA-A100



#### Learn more at https://www.GIGABYTE.com/enterprise

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