GIGABYTE™

G482-Z54 (Rev. 100)

HPC/AI Server - AMD EPYC™ 7002 Series Processors - 4U DP 8 x PCIe Gen4 GPUs

Key Features

- NVIDIA-Certified Systems™ - Data Center Servers
- Supports up to 8 x dual-slot PCIe Gen4 GPUs
- Dual AMD EPYC™ 7002 Series processors
- 8-Channel DDR4 RDIMM/LRDIMM per CPU with 32 x DIMMs
- 2 x 1 Gb/s LAN ports via Intel® I350-AM2
- 2 x 2.5" Gen4 NVMe hot-swap bays
- 8 x 2.5" SATA hot-swap bays
- 8 x FHFL PCIe Gen4 x16 for GPUs
- 1 x FHFL PCIe Gen4 x16
- 2+1 2200 W 80 PLUS Platinum redundant power supplies

Applications

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

Specification

Dimensions	4U (W448 x H176 x D880 mm)
Motherboard	MZ52-G41
CPU	AMD EPYC™ 7002 Series Processors Dual processor, cTDP up to 280 W
Socket	2 x LGA 4094 (Socket SP3)
Chipset	System on Chip
Memory	8-Channel DDR4 RDIMM/LRDIMM, 32 x DIMMs Up to 3200/2933 MT/s
LAN	2 x 1 Gb/s LAN (1 x Intel® I350-AM2), Support NCSI 1 x 10/100/1000 Mb/s Management LAN
Video	Integrated in ASPEED® AST2500 - 1 x VGA port
Storage	**Front hot-swap:** 2 x 2.5" Gen4 NVMe 8 x 2.5" SATA [1] [1] SATA devices supported only.
RAID	N/A
PCIe Expansion Slots	8 x FHFL x16 (Gen4 x16), for GPUs 1 x FHFL x16 (Gen4 x16)

I/O Ports	**Front:** 2 x USB 3.0, 1 x VGA, 2 x RJ45, 1 x MLAN
Backplane Board	PCIe Gen4 x4 or SATA 6 Gb/s
TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
Power Supply	2+1 2200 W 80 PLUS Platinum redundant power supplies AC Input: 100-240 V *The system power supply requires C19 power cord.
System Management	ASPEED® AST2500 Baseboard Management Controller GIGABYTE Management Console web interface
System Fans	12 x 60x60x38mm
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)
Packaging Content	1 x G482-Z54 2 x CPU fansinks 8 x GPU power cables (CPU 8pin, 100mm) 1 x L-shape Rail kit
Ordering Part Numbers	6NG482Z54MR-00-1*
Optional Parts	- C19 power cord 125V/15A (US): 25CP1-018000-Q0R - C19 power cord 250V/16A (EU): 25CP3-01830H-Q0R - C19 power cord 125V/15A (JP): 25CPA-01830B-Q0R

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

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