

G482-Z54 (Rev. A00)

HPC/AI Server - AMD EPYC™ 7003/7002 - 4U DP 8 x PCIe Gen4 GPUs



Key Features

- NVIDIA-Certified Systems™ - Data Center Servers
- Supports up to 8 x dual-slot Gen4 GPUs
- Dual AMD EPYC™ 7003/7002 Series Processors
- 8-Channel DDR4 RDIMM/LRDIMM, 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 (-A00)
- 2+1 2200 W 80 PLUS Titanium redundant power supplies (-A01)

Applications

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

Specification

Dimensions	4U (W448 x H176 x D880 mm)	I/O Ports	Front: 2 x USB 3.0, 1 x VGA, 2 x RJ45, 1 x MLAN
Motherboard	MZ52-G41 Rev. 3.0	Backplane Board	PCIe Gen4 x4 or SATA 6 Gb/s
CPU	AMD EPYC™ 7003 Series Processors AMD EPYC™ 7002 Series Processors Dual processor, cTDP up to 280 W	TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
Socket	2 x LGA 4094 (Socket SP3)	Power Supply	2+1 2200 W 80 PLUS Platinum redundant power supplies (-A00) 2+1 2200 W 80 PLUS Titanium redundant power supplies (-A01) AC Input: 100-240 V *The system power supply requires C19 power cord.
Chipset	System on Chip	System Management	ASPEED® AST2500 Baseboard Management Controller GIGABYTE Management Console web interface
Memory	8-Channel DDR4 RDIMM/LRDIMM, 32 x DIMMs Up to 3200/2933 MT/s	System Fans	12 x 60x60x38mm
LAN	2 x 1 Gb/s LAN (1 x Intel® I350-AM2), Support NCSI 1 x 10/100/1000 Mb/s Management LAN	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)
Video	Integrated in ASPEED® AST2500 - 1 x VGA port	Packaging Content	1 x G482-Z54 2 x CPU fansinks 8 x GPU power cables (CPU 8pin, 100mm) 1 x L-shape Rail kit
Storage	Front hot-swap: 2 x 2.5" Gen4 NVMe 8 x 2.5" SATA ^[1] ^[1] SATA devices supported only.	Ordering Part Numbers	6NG482Z54MR-00-A*
RAID	N/A	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 - GPU power cable (PCIe 8pin, 100mm): 25CRI-100001-B0R
PCIe Expansion Slots	8 x FHFL x16 (Gen4 x16), for GPUs 1 x FHFL x16 (Gen4 x16)		



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

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