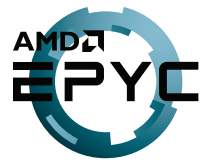


G482-Z50

HPC Server - 4U DP 10 x Gen3 GPUs



Features

- Up to 10 x PCIe GPGPU cards
- Dual AMD EPYC™ 7003 Series processors
- 8-Channel RDIMM/LRDIMM DDR4 per processor, 32 x DIMMs
- 2 x 10Gb/s BASE-T LAN ports
- 2 x 1Gb/s BASE-T LAN ports
- 1 x dedicated management port
- 8 x 2.5" NVMe, 2 x SATA/SAS 2.5" hot-swap HDD/SSD bays
- 12 x 3.5" SATA/SAS hot-swap HDD/SSD bays
- 10 x FHFL Gen3 expansion slots for GPU cards
- 1 x low profile PCIe Gen3 expansion slot
- 3 x 80 PLUS Platinum 2200W redundant PSU

Specification

Dimensions	4U (W448 x H176 x D800 mm)	Backplane I/O	12 x 3.5" ports and 10 x 2.5" ports
Motherboard	MZ52-G40 Rev. 3.0	TPM	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
CPU	AMD EPYC™ 7003 Series processors Dual processors, 7nm, Socket SP3 Up to 64-core, 128 threads per processor TDP up to 225W, cTDP up to 280W, Fully support 280W Compatible with AMD EPYC™ 7002 Series processors	Power Supply	3 x 2200W 80 PLUS Platinum power supply AC Input: 100-240V
Chipset	System on Chip	System Management	Aspeed® AST2500 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
Memory	8-Channel DDR4 memory, 32 x DIMM slots RDIMM/LRDIMM modules up to 128GB supported 3DS RDIMM/LRDIMM modules up to 256GB supported Memory speed: Up to 3200/ 2933 MHz	OS Compatibility	Windows Server 2016 / 2019 RHEL 8.3 (x64) or later SLES 12 SP5 (x64) / 15 SP2 (x64) or later Ubuntu 18.04.5 LTS (x64) / 20.04 LTS (x64) or later VMware ESXi 6.7 Update3 P03 / 7.0 Update1 or later Citrix Hypervisor 8.2.0 or later
LAN	2 x 10Gb/s BASE-T LAN ports (Intel® X550-AT2) 2 x 1Gb/s BASE-T LAN ports (Intel® I350-AM2) 1 x 10/100/1000 management LAN	System Fans	4 x 40x40x28mm (25,000rpm) 12 x 60x60x38mm (21,700rpm)
Video	Integrated in Aspeed® AST2500 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp	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	12 x 3.5" SATA/SAS hot-swappable HDD/SSD bays 10 x 2.5" hot-swappable HDD/SSD bays - 8 x amber trays compatible with NVMe or SATA/SAS devices - 2 x blue trays compatible with SATA/SAS devices only	Packaging Content	1 x G482-Z50 2 x CPU heatsinks 1 x Rail kit
RAID	Pre installed Broadcom SAS3008 SAS Card Software RAID, IR mode, RAID 0/1/1E/10	Reference Numbers	Barebone with rail kit: 6NG482Z50MR-00 Rev. A00 - Motherboard: 9MZ52G40NR-00 - Rail kit: 25HB2-A96100-K0R - CPU fan-sink: 12SF2-01A067-00R - SAS Expander module: 9CEP2600NR-00 - Storage adapter: 9CRA3338NR-00 - LAN adapter: 9CLNP222NR-00 - Fan module kit: 6NG481HAASR-00-100 - Power supply: 25EP0-222003-D0S
Expansion Slots	10 x PCIe x16 slots (Gen3 x16) for GPUs 1 x PCIe x16 (Gen3 x16) Half-length low-profile slot in rear side		
Front I/O	2 x USB 3.0, 1 x VGA, 2 x RJ45, 1 x MLAN (Reserved)		
Rear I/O	2 x RJ45, 1 x MLAN (Primary port)		



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