

GS240-10

HPC System - 2U UP 4 x GPU Gen4 Server



AMD
INSTINCT



Product Highlight

- Up to 4 x NVIDIA® PCIe Gen4 GPU cards
- NVIDIA-Certified system
- Single AMD EPYC™ 7003 Series processors
- 8-Channel RDIMM/LRDIMM DDR4, 8 x DIMMs
- 1 x dedicated management port
- 4 x 3.5" SATA hot-swap HDD/SSD bays in front side
- 2 x 2.5" Gen4 U.2/SAS/SATA hot-swap SSD bays in rear side
- 2 x FHHL PCIe Gen4 expansion slots
- 1 x OCP 3.0 Gen4 x16 mezzanine slot
- 2 x 80 PLUS Platinum 1600W (240V) redundant PSU

Specification

Dimensions	2U (W438 x H87.5 x D820 mm)	Front I/O	1 x USB 3.0
Motherboard	MZ12-HD3 Rev. 3.0	Rear I/O	2 x USB 3.0, 1 x VGA, 1 x MLAN
CPU	AMD EPYC™ 7003 Series processors Single processor, 7nm technology, cTDP up to 280W Up to 64-core, 128 threads per processor Compatible with AMD EPYC™ 7002 Series processors	Backplane I/O	Front side_CBP041: 4 x SATA/SAS ports Rear side_CBP201: 2 x NVMe/SATA/SAS ports Speed and bandwidth: SATA 6Gb/s, SAS 12Gb/s or PCIe x4
Socket	Socket SP3	TPM	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
Chipset	System on Chip	Power Supply	Dual 1600W 80 PLUS Platinum redundant power supply
Memory	8-Channel DDR4 memory, 8 x DIMM slots RDIMM/LRDIMM modules up to 128GB supported Memory speed: Up to 3200 MHz	System Management	Aspeed® AST2500 management controller AcceleStor Management Console (AMI MegaRAC SP-X)
LAN	1 x 10/100/1000 management LAN	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
Video	Integrated in Aspeed®AST2500 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM	Weight	Net Weight: 18.5 kg / Gross Weight: 29 kg
Storage	Front: 4 x 3.5" SATA hot-swap HDD/SSD bays - 2.5" HDD/SSD supported; SATA devices supported only Rear: 2 x 2.5" Gen4 U.2/SAS/SATA hybrid hot-swap SSD bays	System Fans	5 x 80x80x38mm (16,300rpm)
SATA	Supported	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)
SAS	Depend on SAS Card	Packaging Content	1 x GS240-10 1 x CPU heatsink 1 x Rail kit
Expansion Slots	4 x PCIe x16 slots (Gen4 x16) for GPU cards 1 x PCIe x16 slot (Gen4 x16 or x8), FHHL 1 x PCIe x8 slots (Gen4 x0 or x8), FHHL 1 x OCP 3.0 Gen4 x16 mezzanine slot		
Internal I/O	1 x TPM header, 1 x Front panel header		



Learn more about AcceleStor HPC solutions, visit www.accelstor.com

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