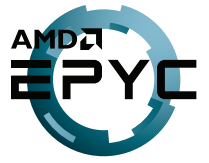


S472-Z30

Storage Server - 4U UP 50-Bay



Features

- Hardware-level root of trust support
- Supports AMD EPYC 7003 Processors with AMD 3D V-Cache™ and AMD EPYC™ 7003 Processors
- 8-Channel RDIMM/LRDIMM DDR4, 16 x DIMMs
- 2 x 1Gb/s LAN ports (Intel® I350-AM2)
- 1 x dedicated management port
- 24 x 3.5" SATA/SAS hot-swap HDD/ SSD bays
- 24 x 2.5" SATA/SAS/NVMe hot-swap SSD bays
- 2 x 2.5" SATA hot-swap SSD bays in rear side
- SAS expander with 12Gb/s transfer speed
- 2 x Ultra-Fast M.2 with PCIe Gen4 x4 bandwidth
- Up to 4 x PCIe Gen4/Gen3 low profile expansion slots
- Dual 1600W (240V) 80 PLUS Platinum redundant power supply

Specification

Dimensions	4U (W482 x H175 x D696.6 mm)	Front I/O	2 x USB 3.0
Motherboard	MZ32-AR1	Rear I/O	3 x USB 3.0, 1 x VGA, 1 x COM_1, 2 x RJ45, 1 x MLAN
CPU	AMD EPYC™ 7003 series processor family Single processor, 7nm, Socket SP3 Up to 64-core, 128 threads per processor, cTDP up to 280W Compatible with AMD EPYC™ 7002 series processor family	Backplane I/O	Front_CBP2007: 24-port, 2.5" / Rear_CBPD020: 2-port, 2.5" Right_CBPD2C0: 12-port, 3.5" / Left_CBPD2C1: 12-port, 3.5"
Chipset	System on Chip	TPM	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
Memory	8-Channel DDR4 memory, 16 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	Power Supply	Dual 1600W 80 PLUS Platinum redundant power supply AC Input: 100-240V
LAN	2 x 1GbE LAN ports (1 x Intel® I350-AM2) 1 x 10/100/1000 management LAN	System Management	Aspeed® AST2500 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
Video	Integrated in Aspeed® AST2500 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM	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
Storage	24 x 3.5" SATA/SAS hot-swap HDD/ SSD bays (right & left side) 24 x 2.5" SATA/SAS/NVMe hot-swap SSD bays (front side) - 12 x 2.5" SATA/SAS hot-swap SSD bays - 4 x 2.5" SATA/SAS/NVMe hybrid hot-swap SSD bays - 8 x 2.5" NVMe hot-swap SSD bays 2 x 2.5" SATA hot-swap SSD bays (rear side) 1 x Broadcom SAS35x36R expander Default supports 12 x NVMe and 2 x SATA devices SAS card is required to enable the drive bays	System Fans	8 x 80x80x38mm (14,400rpm)
Expansion Slots	1 x PCIe x16 (Gen4 x16) slot, HHHL 1 x PCIe x16 (Gen4 x8) slot, HHHL 1 x PCIe x8 (Gen3 x0 or x8) slot, HHHL 1 x PCIe x16 (Gen3 x16 or x8) slot, HHHL 1 x OCP 2.0 mezzanine slot (PCIe Gen3 x16) 2 x M.2 slots (PCIe Gen4 x4)	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)
		Packaging Content	1 x S472-Z30 1 x CPU heatsink 1 x Rail kit
		Reference Numbers	Barebone package: 6NS472Z30MR-00 Rev. A00 - Motherboard: 9MZ32AR1NR-00 - Rail kit: 25HB2-A66123-C0R - CPU heatsink: 25ST1-15320E-J1R - 1600W Power supply: 25EP0-21600B-F3S



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