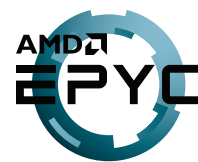


S252-ZC0

Storage Server - 2U DP 26-Bay



Features

- Hardware-level root of trust support
- Dual AMD EPYC™ 7003 series processor families
- 8-Channel RDIMM/LRDIMM DDR4 per CPU, 16 x DIMMs
- 1 x dedicated management port
- 24 x 3.5" SAS/SATA hot-swappable HDD/SSD bays
- 2 x 2.5" SATA hot-swap SSD bays
- Onboard 12Gb/s SAS expander
- 2 x SATA DOM supported
- Up to 6 x PCIe Gen4 low profile slots
- 1+1 80 PLUS Platinum 1300W (240V) redundant PSU

Specification

Dimensions	2U (W438 x H87 x D880 mm)	Backplane I/O	Left Side: CBPD2C0: 12 x 3.5" SAS/SATA ports with expander Right Side: CBPD2C1: 12 x 3.5" SAS/SATA ports Rear Side: CBPD020: 2 x 2.5" NVMe/SATA hybrid ports
Motherboard	MZC2-CE0	TPM	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
CPU	AMD EPYC™ 7003 Series processors Dual processors, 7nm, Socket SP3, cTDP up to 180W Up to 64-core, 128 threads per processor Compatible with AMD EPYC™ 7002 Series processors	Power Supply	1+1 1300W (240V) 80 PLUS Platinum redundant power supply
Chipset	System on Chip	System Management	Aspeed® AST2500 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
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	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	1 x 10/100/1000 management LAN	Packaging Dimensions	1168 x 697 x 341 mm
Video	Integrated in Aspeed® AST2500 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM	System Fans	6 x 60x60x38mm hot-swappable fan modules
Storage	Side-accessed: 24 x 3.5" SAS/SATA hot-swap HDD/SSD bays LSI SAS35x36R expander SAS card is required to enable 24 drive bays Rear Side: 2 x 2.5" SATA hot-swap HDD/SSD bays, NVMe supported with optional CNV3022 NVMe Card Default supports 2 x SATA drives in rear side Recommend optional SAS cards: CRA4448, CSA4648	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)
RAID	Depends on SAS add-on Card	Packaging Content	1 x S252-ZC0 2 x CPU heatsinks 1 x Rail kit
Expansion Slots	6 x low profile PCIe Gen4 expansion slots	Reference Numbers	Barebone package: 6NS252ZC0MR-00 Rev. A00 - Motherboard: 9MZC2CE0NR-00 - Rail kit: 25HB2-A66121-C0R - CPU heatsink: 25ST1-453211-A3R - Power supply: 25EP0-213001-F3S
Front I/O	2 x USB 3.0		
Rear I/O	2 x USB 3.0, 1 x VGA, 1 x MLAN		



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