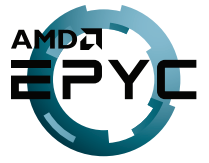


## R271-Z00

Rack Server - 2U UP 14-Bay

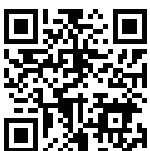


### Features

- Single AMD EPYC™ 7003 Series processors
- 8-Channel RDIMM/LRDIMM DDR4, 8 x DIMMs
- 2 x 1Gb/s LAN ports (Intel® I210-AT)
- 1 x Dedicated management port
- 12 x 3.5" and 2 x 2.5" SATAIII hot-swappable HDD/SSD bays
- Ultra-Fast M.2 with PCIe Gen3 x4 interface
- 5 x low profile PCIe Gen3 expansion slots
- Aspeed® AST2500 remote management controller
- 1+1 800W 80 PLUS Platinum redundant power supply

### Specification

<b>Dimensions</b>	2U (W430 x H87 x D710 mm)	<b>Backplane I/O</b>	Backplane P/N: 9CBP20C3NR-00 Speed and bandwidth: SAS 12Gb/s, SATA 6Gb/s
<b>Motherboard</b>	MZ01-CE1 Rev. 3.0	<b>TPM</b>	1 x TPM header with LPC interface Optional TPM2.0 kit: CTM000
<b>CPU</b>	AMD EPYC™ 7003 Series processors Single processor, 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	<b>Power Supply</b>	2 x 800W 80 PLUS Platinum redundant power supply AC Input: 100-240V
<b>Chipset</b>	System on Chip	<b>System Management</b>	Aspeed® AST2500 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
<b>Memory</b>	8-Channel DDR4 memory, 8 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	<b>OS Compatibility</b>	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
<b>LAN</b>	2 x 1Gb/s LAN ports (Intel® I210-AT) 1 x 10/100/1000 management LAN	<b>System Fans</b>	4 x 80x80x38mm (16300rpm)
<b>Video</b>	Integrated in Aspeed® AST2500 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp	<b>Operating Properties</b>	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)
<b>Storage</b>	Front side: 12 x 3.5"/2.5" SATA/SAS hot-swap HDD/SSD bays Rear side: 2 x 2.5" SATA/SAS hot-swap HDD/SSD bays SAS card is required for SAS devices support	<b>Package Contents</b>	1 x R271-Z00 system, 1 x CPU heatsink, 1 x Rail kit
<b>Expansion Slots</b>	4 x PCIe x16 (Gen3 x16) slots, low-profile 1 x PCIe x8 (Gen3 x8) slot, low-profile 1 x M.2 slot (Gen3 x4)	<b>Reference Numbers</b>	Rackmount: 6NR271Z00MR-00 Rev. B00 Motherboard: 9MZ01CE1NR-00 Rev. 3.0 Back plane board: 9CBP20C3NR-00 CPU heatsink: 25ST1-15320E-J1R Fan module: 25ST2-883829-D0R Power supply: 25EP0-208004-LOS Rail Kit: 25HB2-3A0202-K0R
<b>Front I/O</b>	2 x USB 3.0		
<b>Rear I/O</b>	2 x USB 3.0, 1 x VGA, 2 x RJ45, 1 x MLAN		



Learn more about GIGABYTE server solutions, visit [www.gigabyte.com/Enterprise](http://www.gigabyte.com/Enterprise)

\* All specifications are subject to change without notice. Please visit our website for the latest information.

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