

# R263-Z37-AAC1

Rack Server - 2U UP 14-Bay NVMe/SATA/SAS



## Features

- AMD EPYC™ 9004 Series processors
- AMD EPYC™ 9004 Series processors with AMD 3D V-Cache™
- Single processor, 5nm technology
- 12-Channel RDIMM DDR5, 12 x DIMMs
- Dual ROM Architecture
- 1 x 1Gb/s LAN port
- 1 x Dedicated management port
- 4 x 3.5"/2.5" Gen5 NVMe hot-swappable bays
- 8 x 3.5"/2.5" SATA/SAS-4 hot-swappable bays
- 2 x 2.5" Gen5 NVMe hot-swappable bays on the rear side
- 1 x M.2 slot with PCIe Gen3 x4 interface
- 4 x FHHL PCIe Gen5 x16 slots
- 2 x OCP 3.0 Gen5 x16 slots
- 1+1 1300W 80 PLUS Platinum redundant power supplies

## Specification

<b>Dimensions</b>	2U (W4438 x H87.5 x D710 mm)	<b>Front I/O</b>	2 x USB 3.2 Gen1
<b>Motherboard</b>	MZ33-DC1	<b>Rear I/O</b>	2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x RJ45, 1 x MLAN
<b>CPU</b>	AMD EPYC™ 9004 Series processors AMD EPYC™ 9004 Series processors with AMD 3D V-Cache™ Single processor cTDP up to 300W at ambient 35°C	<b>TPM</b>	1 x TPM header with SPI interface (Optional TPM2.0 kit: CTM010)
<b>Socket</b>	1 x LGA 6096	<b>Power Supply</b>	1+1 1300W 80 PLUS Platinum redundant power supplies AC Input: 100-240V
<b>Chipset</b>	System on Chip	<b>System Management</b>	Aspeed® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
<b>Memory</b>	12-Channel DDR5 memory, 12 x DIMM slots RDIMM modules up to 96GB supported 3DS RDIMM modules up to 256GB supported Memory speed: Up to 4800 MHz	<b>OS Compatibility</b>	Windows Server 2019 / 2022 RHEL 8.6 / 8.7 / 9.0 / 9.1 / 9.2 (x64) SLES 15 SP4 / SP5 (x64) Ubuntu 20.04.6 / 22.04 / 22.04.1 / 22.04.2 / 22.04.3 LTS (x64) VMware ESXi 7.0 Update 3i / 8.0 / 8.0 Update 1 Citrix Hypervisor 8.2 LTSR CU1
<b>LAN</b>	1 x 1Gb/s LAN ports (1 x Intel® I210-AT) - Supported NCSI function 1 x 10/100/1000 management LAN	<b>System Fans</b>	4 x 80x80x38mm (18,300rpm)
<b>Video</b>	Integrated in Aspeed AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM	<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: 4 x 3.5"/2.5" Gen5 NVMe hot-swappable bays 8 x 3.5"/2.5" SATA/SAS-4 hot-swappable bays Rear side: 2 x 2.5" Gen5 NVMe hot-swappable bays	<b>Packaging Content</b>	1 x R263-Z37-AAC1, 1 x CPU heatsink, 1 x Mini-DP to D-Sub cable, 1 x 2-Section Rail kit
<b>SAS</b>	Depends on SAS add-in cards	<b>Reference Numbers</b>	Barebone package: 6NR263Z37DR000AAC1* - Motherboard: 9MZ33DC1UR-000 - 2-Section Rail kit (CMA not supported): 25HB2-3A0203-K0R - CPU heatsink: 25ST1-143100-A0R - Mini-DP to D-Sub cable: 25CRN-200801-K1R - Power supply: 25EP0-213004-F3S
<b>RAID</b>	N/A		
<b>Expansion Slots</b>	4 x FHHL PCIe Gen5 x16 slots 2 x OCP 3.0 Gen5 x16 slots - Supporte NCSI function 1 x M.2 slot (M-key, PCIe Gen3 x4, NGFF-2280/22110)		



Learn more about GIGABYTE server, visit <https://www.gigacomputing.com>

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