

R263-Z33-AAL1

Rack Server - 2U UP 2 x PCIe Gen5 GPUs



Key Features

- Supports up to 2 x Dual slot Gen5 GPUs
- Single AMD EPYC™ 9004 Series Processors
- 12-Channel DDR5 RDIMM, 12 x DIMMs
- Dual ROM Architecture
- 1 x 1Gb/s LAN port via Intel® I210-AT
- 8 x 3.5"/2.5" Gen4 NVMe/SATA/SAS hot-swap bays
- 4 x 3.5"/2.5" SATA/SAS hot-swap bays
- 1 x M.2 slot with PCIe Gen3 x4 interface
- 2 x FHFL PCIe Gen5 x16 slots for GPUs
- 1 x FHHL PCIe Gen4 x16 slot
- 2 x OCP NIC 3.0 PCIe Gen5 x16 slots
- Compatible with SupremeRAID™ by Graid Technology
- 1+1 2700W 80 PLUS Titanium redundant power supplies

Specification

Dimensions 2U (W438 x H87.5 x D710 mm)

Motherboard MZ33-DC0

CPU AMD EPYC™ 9005 Series Processors
AMD EPYC™ 9004 Series Processors
Single processor, cTDP up to 300W
- At 30°C ambient, cTDP up to 400W

Sock 1 x LGA 6096 (Socket SP5)

Chipset System on Chip

Memory 12 x DIMM slots
12-Channel DDR5 RDIMM
RDIMM: Up to 4800 MT/s

LAN 1 x 1Gb/s LAN (1 x Intel® I210-AT) - Supports NCSI
1 x 10/100/1000 Mbps Management LAN

Video Integrated in ASPEED® AST2600 - 1 x VGA port

Storage Front hot-swap:
8 x 3.5"/2.5" Gen4 NVMe/SATA/SAS + 4 x 3.5"/2.5" SATA/SAS
*SAS card is required to support SAS drives.
Internal M.2:
1 x M.2 (2280/22110), PCIe Gen3 x4

RAID Require RAID add-in cards
Optional compatible RAID Cards:
NVMe RAID Cards with SupremeRAID™ by Graid Technology
RAID Card models: SR-1000-ED12
Support RAID 0/1/5/6/10

Expansion Slots 2 x FHFL PCIe Gen5 x16 slots for GPUs
1 x FHHL PCIe Gen4 x16 slot
2 x OCP NIC 3.0 PCIe Gen5 x16 slots - Supports NCSI

I/O Ports Front: 2 x USB 3.2 Gen1
Rear: 2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x RJ45, 1 x MLAN

Backplane Board Bandwidth: PCIe Gen4 x4 or SATA 6Gb/s or SAS 12Gb/s

Security Modules 1 x TPM header with SPI interface (Optional TPM2.0 kit: CTM010)

Power Supply 1+1 2700W 80 PLUS Titanium redundant power supplies
AC Input: 100-240V
The system power supply requires C19 power cord.

System Management ASPEED® AST2600 Baseboard Management Controller
GIGABYTE Management Console web interface

OS Support Windows Server, Red Hat Enterprise Linux server, Ubuntu,
SUSE Linux Enterprise server, VMware ESXi, Citrix Hypervisor

System Fans 4 x 80x80x38mm (18,300rpm)

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 R263-Z33-AAL1, 1 x CPU heatsink, 1 x 2-Section Rail kit
1 x Mini-DP to D-Sub cable, 3 x GPU power cables
Packaging Dimensions: 989 x 594 x 279 mm

Part Numbers Barebone package (EPYC 9005/9004): 6NR263Z33DR000ABL1*
Barebone package (EPYC 9004): 6NR263Z33DR000AAL1*

Optional parts:
- C19 power cord 125V/15A (US): 25CP1-018000-Q0R
- C19 power cord 250V/16A (EU): 25CP3-01830H-Q0R
- C19 power cord 125V/15A (JP): 25CPA-01830B-Q0R
- RAID card (SR-1000-ED12): 25FC1-SRBUN3-AFS
- 3-Section Rail kit (Supports CMA): 25HB2-A56121-K0R
- Cable Management Arm: 25HB1-R18300-K0R



Learn more at <https://www.GIGABYTE.com/enterprise>

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