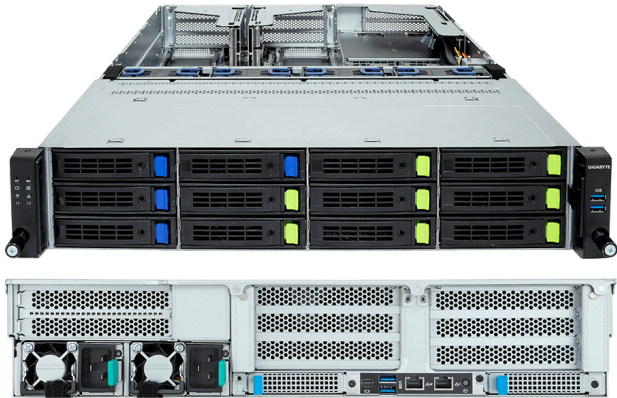


# R263-Z33-AAF1

Rack Server - 2U UP 2 x PCIe Gen5 GPUs Platinum



### 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 2400W 80 PLUS Platinum redundant power supplies

### Specification

|                  |                                                                                                                                                                                                                                                    |                       |                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions       | 2U (W438 x H87.5 x D710 mm)                                                                                                                                                                                                                        | PCIe Expansion Slots  | 2 x FHFL PCIe Gen5 x16, for GPUs<br>1 x FHHL PCIe Gen4 x16<br>2 x OCP NIC 3.0 PCIe Gen5 x16, Support NCSI                                                                                                                                                                                                                                                                                         |
| Motherboard      | MZ33-DC0                                                                                                                                                                                                                                           | I/O Ports             | <b>Front:</b><br>2 x USB 3.2 Gen1<br><b>Rear:</b><br>2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x RJ45, 1 x MLAN                                                                                                                                                                                                                                                                                            |
| CPU              | AMD EPYC™ 9005 Series Processors<br>AMD EPYC™ 9004 Series Processors<br>Single processor, cTDP up to 300W<br>- At 30°C ambient, cTDP up to 400W                                                                                                    | Backplane Board       | PCIe Gen4 x4 or SATA 6Gb/s or SAS 12Gb/s                                                                                                                                                                                                                                                                                                                                                          |
| OS Compatibility | <a href="#">OS Support List</a>                                                                                                                                                                                                                    | TPM                   | 1 x TPM header (SPI), Optional TPM2.0 kit: CTM010                                                                                                                                                                                                                                                                                                                                                 |
| Socket           | 1 x LGA 6096 (Socket SP5)                                                                                                                                                                                                                          | Power Supply          | 1+1 2400W 80 PLUS Platinum redundant power supplies<br>AC Input: 100-240V<br><br>*The system power supply requires C19 power cord.                                                                                                                                                                                                                                                                |
| Chipset          | System on Chip                                                                                                                                                                                                                                     | System Management     | ASPEED® AST2600 Baseboard Management Controller<br>GIGABYTE Management Console web interface                                                                                                                                                                                                                                                                                                      |
| Memory           | 12-Channel DDR5 RDIMM, 12 x DIMMs<br>Up to 4800 MT/s                                                                                                                                                                                               | System Fans           | 4 x 80x80x38mm                                                                                                                                                                                                                                                                                                                                                                                    |
| LAN              | 1 x 1Gb/s LAN (1 x Intel® I210-AT), Support NCSI<br>1 x 10/100/1000 Mbps Management LAN                                                                                                                                                            | Operating Properties  | Operating: 10°C to 35°C, 8% to 80% (non-condensing)<br>Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)                                                                                                                                                                                                                                                                                  |
| Video            | Integrated in ASPEED® AST2600<br>- 1 x Mini-DP                                                                                                                                                                                                     | Packaging Content     | 1 x R263-Z33-AAF1<br>1 x CPU heatsink<br>1 x Mini-DP to D-Sub cable<br>2 x GPU power cables (2x PCIe 8pin, 350mm)<br>1 x GPU power cable (2x PCIe 8pin, 480mm)<br>1 x 2-Section Rail kit                                                                                                                                                                                                          |
| Storage          | <b>Front hot-swap:</b><br>8 x 3.5"/2.5" Gen4 NVMe/SATA/SAS <sup>[1]</sup><br>4 x 3.5"/2.5" SATA/SAS <sup>[1]</sup><br><b>Internal M.2:</b><br>1 x M.2 (2280/22110), PCIe Gen3 x4<br><br><sup>[1]</sup> SAS card is required to support SAS drives. | Ordering Part Numbers | 6NR263Z33DR000ABF1*                                                                                                                                                                                                                                                                                                                                                                               |
| RAID             | Require RAID add-in cards<br><br><b>Optional compatible RAID Cards:</b><br>NVMe RAID Cards with SupremeRAID™ by Graid Technology<br>RAID Card models: SR-1000-ED12<br>Support RAID 0/1/5/6/10                                                      | Optional Parts        | - RAID card (SR-1000-ED12): 25FC1-SRBUN3-AFS<br>- 3-Section Rail kit (Supports CMA): 25HB2-A56120-K0R<br>- Cable Management Arm: 25HBZ-R18100-K0R<br>- A100/MI210 power cable (CPU 8pin, 350mm): 25CRI-350100-Y4R<br>- A100/MI210 power cable (CPU 8pin, 480mm): 25CRI-480101-Y4R<br>- H100 power cable (16-pin, 360mm): 25CRI-360102-Y4R<br>- H100 power cable (16-pin, 490mm): 25CRI-490102-Y4R |



Learn more at: <https://www.gigabyte.com/Enterprise>

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