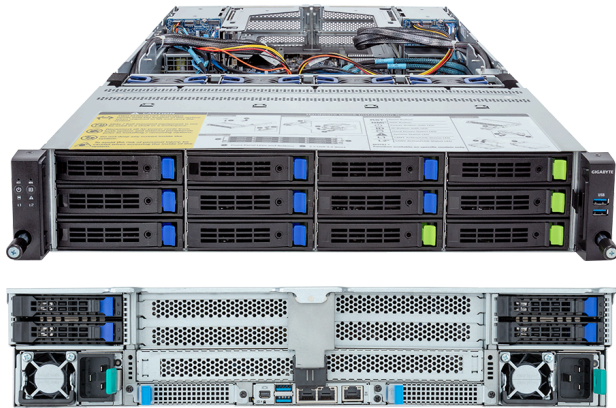


R283-Z90-AAD2

Rack Server - 2U DP 12+4-Bay Gen4 NVMe/SATA/SAS Platinum



Key Features

- Dual AMD EPYC™ 9005/9004 Series Processors
- 12-Channel DDR5 RDIMM, 24 x DIMMs
- Dual ROM Architecture
- 2 x 1Gb/s LAN ports via Intel® I350-AM2
- 4 x 3.5"/2.5" Gen4 NVMe/SATA/SAS hot-swap bays
- 8 x 3.5"/2.5" SATA/SAS hot-swap bays
- 4 x 2.5" SATA/SAS hot-swap bays on the rear side
- 3 x M.2 slots with PCIe Gen3 x4 and x2 interface
- 4 x FHHL PCIe Gen5 x16 slots
- 2 x OCP NIC 3.0 PCIe Gen5 x16 slots
- Compatible with SupremeRAID™ by Graid Technology
- Dual 1600W 80 PLUS Platinum redundant power supply

Applications

Networks Server...

Specification

| | | | |
|------------------|---|-----------------------|--|
| Dimensions | 2U (W438 x H87 x D815 mm) | PCIe Expansion Slots | 4 x FHHL PCIe Gen5 x16 2 x OCP NIC 3.0 PCIe Gen5 x16, Support NCSI |
| Motherboard | MZ93-FS0 | I/O Ports | Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN |
| CPU | AMD EPYC™ 9005 Series Processors AMD EPYC™ 9004 Series Processors Dual processor, cTDP up to 400W | Backplane Board | Front - CBP20C5: PCIe Gen4 x4 or SATA 6Gb/s or SAS 12Gb/s Rear - CBP2022: SATA 6Gb/s or SAS 12Gb/s |
| OS Compatibility | OS Support List | TPM | 1 x TPM header (SPI), Optional TPM2.0 kit: CTM010 |
| Socket | 2 x LGA 6096 (Socket SP5) | Power Supply | Dual 1600W 80 PLUS Platinum redundant power supply AC Input: 100-240V |
| Chipset | System on Chip | System Management | ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface |
| Memory | 12-Channel DDR5 RDIMM, 24 x DIMMs [EPYC 9005] Up to 6400 MT/s [EPYC 9004] Up to 4800 MT/s | System Fans | 4 x 80x80x38mm (18,300rpm) |
| LAN | 2 x 1Gb/s LAN (1 x Intel® I350-AM2), Support NCSI 1 x 10/100/1000 Mbps Management LAN | Operating Properties | Operating: 10°C to 35°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing) |
| Video | Integrated in ASPEED® AST2600 - 1 x Mini-DP | Packaging Content | 1 x R283-Z90-AAD2 2 x CPU heatsinks 1 x Mini-DP to D-Sub cable 1 x 2-Section Rail kit |
| Storage | Front hot-swap: 4 x 3.5"/2.5" Gen4 NVMe/SATA/SAS ^[1] 8 x 3.5"/2.5" SATA/SAS ^[1] Rear hot-swap: 4 x 2.5" SATA/SAS ^[1] Internal M.2: 2 x M.2 (2280/22110), PCIe Gen3 x4 1 x M.2 (2280/22110), PCIe Gen3 x2 ^[1] SAS card is required to support SAS drives. | Ordering Part Numbers | 6NR283Z90DR000ACD2* |
| RAID | Require RAID add-in cards Optional compatible RAID Cards: NVMe RAID Cards with SupremeRAID™ by Graid Technology RAID Card models: SR-1001-ED4 Support RAID 0/1/5/6/10 | Optional Parts | - RAID card (SR-1001-ED4): 25FC1-SR1000-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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