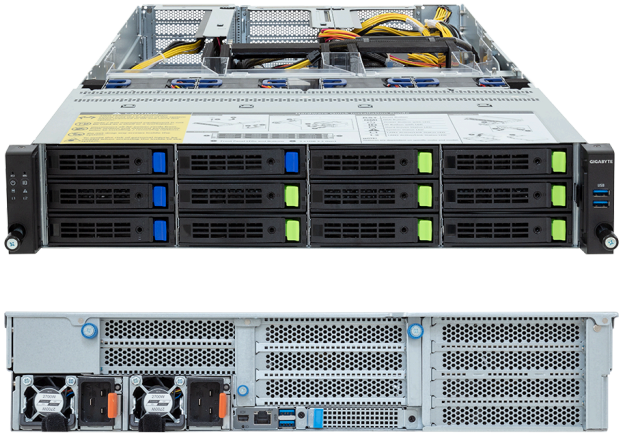
GIGABYTE™

R283-ZF0-AAL1 (Rev. 1.x)

Rack Server - AMD EPYC™ 9004 Server Processors - 2U DP 4 x PCIe Gen5 GPUs



Key Features

- Supports up to 4 x dual-slot Gen5 GPUs
- Dual AMD EPYC™ 9004 Server Processors
- 12-Channel DDR5 RDIMM per CPU with 24 x DIMMs
- 8 x 3.5"/2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 4 x 3.5"/2.5" SATA/SAS-4 hot-swap bays
- 4 x FHFL PCIe x16 slots with Gen5 x16 lanes for GPUs
- 1 x FHHL PCIe x16 slot with Gen5 x16 lanes
- 1 x OCP NIC 3.0 PCIe Gen5 x16
- Compatible with SupremeRAID™ by Graid Technology
- Dual 2700 W 80 PLUS Titanium redundant power supplies

Applications

AI Platform, AI Training Server, AI Inference Server, Visual Computing, High-Performance Computing Server, Networks Server, Servers for Hybrid/Private Cloud...

Specification

Dimensions	2U (W438 x H87.5 x D815 mm)
Motherboard	MZF3-GP0
CPU	AMD EPYC™ 9005 Server Processors AMD EPYC™ 9004 Server Processors Dual processors, cTDP up to 400 W
OS Compatibility	OS Support List
Socket	2 x LGA 6096 (Socket SP5)
Chipset	System on Chip
Memory	12-Channel DDR5 RDIMM, 24 x DIMMs Up to 4800 MT/s
LAN	1 x 10/100/1000 Mb/s Management LAN
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP
Storage	**Front hot-swap:** 8 x 3.5"/2.5" Gen5 NVMe/SATA/**SAS-4** [1] 4 x 3.5"/2.5" SATA/**SAS-4** [1] [1] SAS card is required to support SAS drives.
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
PCIe Expansion Slots	4 x FHFL x16 (Gen5 x16), for GPUs 1 x FHHL x16 (Gen5 x16) 1 x OCP NIC 3.0 (Gen5 x16), Support NCSI

I/O Ports	**Front:** 2 x USB 3.2 Gen1 **Rear:** 2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x MLAN
Backplane Board	PCIe Gen5 x4 or SATA 6 Gb/s or SAS-4 24 Gb/s
TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
Power Supply	Dual 2700 W 80 PLUS Titanium redundant power supplies AC Input: 100-240 V *The system power supply requires C19 power cord.
System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
System Fans	1 x 40x40x28mm 4 x 80x80x56mm
Operating Properties	Operating: 10°C to 30°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Packaging Content	1 x R283-ZF0-AAL1 2 x CPU heatsinks 1 x Mini-DP to D-Sub cable 1 x GPU power cable (16-pin, 150mm) 1 x GPU power cable (16-pin, 250mm) 1 x GPU power cable (16-pin, 450mm) 1 x GPU power cable (16-pin, 550mm) 1 x 2-Section Rail kit
Ordering Part Numbers	6NR283ZF0DR000ABL1*
Optional Parts	- 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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Last updated: Jun 10, 2026

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