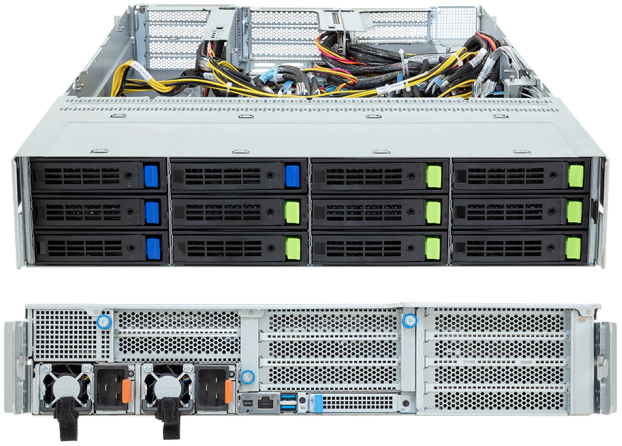
GIGABYTE™

R283-ZF0-IAL1

Rack Server - 2U DP 4 x PCIe Gen5 GPUs Immersion



Key Features

- Immersion Cooling Server
- Supports up to 4 x Dual slot Gen5 GPUs
- Dual AMD EPYC™ 9004 Series Processors
- 12-Channel DDR5 RDIMM, 24 x DIMMs
- Dual ROM Architecture
- 8 x 3.5"/2.5" Gen5 NVMe/SATA/SAS-4 bays
- 4 x 3.5"/2.5" SATA/SAS-4 bays
- 4 x FHFL PCIe Gen5 x16 slots for GPUs
- 1 x FHHL PCIe Gen5 x16 slot
- 1 x OCP NIC 3.0 PCIe Gen5 x16 slot
- Dual 2700W 80 PLUS Titanium redundant power supply

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 Series Processors AMD EPYC™ 9004 Series Processors Dual processor, cTDP up to 400W
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 Mbps Management LAN
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP
Storage	**Bottom:** 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
PCIe Expansion Slots	4 x FHFL PCIe Gen5 x16, for GPUs 1 x FHHL PCIe Gen5 x16 1 x OCP NIC 3.0 PCIe Gen5 x16, Support NCSI
I/O Ports	**Top:** 2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x MLAN
Backplane Board	PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s
TPM	1 x TPM header (SPI), Optional TPM2.0 kit: CTM010
Power Supply	Dual 2700W 80 PLUS Titanium redundant power supply AC Input: 100-240V *The system power supply requires C19 power cord.
System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
Operating Properties	Operating coolant temperature: 25°C to 35°C Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Packaging Content	1 x R283-ZF0-IAL1 2 x CPU heatsinks 1 x Mini-DP to D-Sub cable 1 x GPU power cable (12VHPWR, 150mm) 1 x GPU power cable (12VHPWR, 250mm) 1 x GPU power cable (12VHPWR, 450mm) 1 x GPU power cable (12VHPWR, 550mm)
Ordering Part Numbers	6NR283ZF0DR000IBL1*

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

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