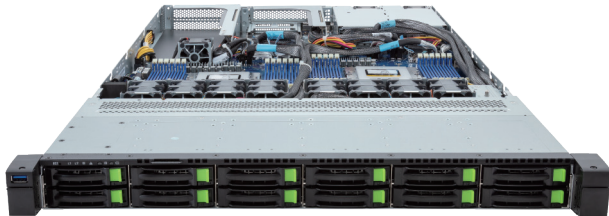# GIGABYTE™

R183-ZF1-AAJ1

Rack Server - 1U DP 1 x PCIe Gen5 GPU

AMD EPYC

Key Features

- Supports 1 x Dual slot Gen5 GPU
- Dual AMD EPYC™ 9004 Series Processors
- 12-Channel DDR5 RDIMM, 24 x DIMMs
- Dual ROM Architecture
- 12 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 1 x FHFL PCIe Gen5 x16 slot for GPUs
- 1 x FHFL PCIe Gen5 x16 slot
- 1 x FHHL PCIe Gen5 x16 slot
- 1 x OCP NIC 3.0 PCIe Gen5 x16 slot
- 1+1 2000W 80 PLUS Titanium redundant power supplies

Application

AI, AI Inference, Visual Computing, Networking, Hybrid/Private Cloud Server

Specification

Dimensions	1U (W438 x H43.5 x D815 mm)	**Backplane Board**	PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s
Motherboard	MZF3-GP0	**Security Modules**	1 x TPM header with SPI interface - Optional TPM2.0 kit: CTM010
CPU	AMD EPYC™ 9005 Series Processors AMD EPYC™ 9004 Series Processors Dual processor, cTDP up to 400W	**Power Supply**	1+1 2000W 80 PLUS Titanium redundant power supplies AC Input: 100-240V
Sock	2 x LGA 6096 (Socket SP5)	**System Management**	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
Chipset	System on Chip	**OS Support**	Windows Server, Red Hat Enterprise Linux server, Ubuntu, SUSE Linux Enterprise server, VMware ESXi, Citrix Hypervisor
Memory	24 x DIMM slots 12-Channel DDR5 RDIMM Up to 4800 MT/s		
LAN	1 x 10/100/1000 Mbps Management LAN	**System Fans**	1 x 40x40x28mm (34,000rpm) 8 x 40x40x56mm (32,000rpm)
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	**Operating Properties**	Operating temperature: 10°C to 30°C Operating humidity: 8%-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
Storage	Front hot-swap: 12 x 2.5" Gen5 NVMe/SATA/SAS-4 *SAS card is required to support SAS drives.		
RAID	Require RAID add-in cards	**Packaging Content**	1 x R183-ZF1-AAJ1, 2 x CPU heatsinks, 1 x GPU power cable (12VHPWR, 150mm), 1 x 2-Section Rail kit
Expansion Slots	1 x FHFL PCIe Gen5 x16 slot for GPUs 1 x FHFL PCIe Gen5 x16 slot 1 x FHHL PCIe Gen5 x16 slot 1 x OCP NIC 3.0 PCIe Gen5 x16 slot		Packaging Dimensions: 1038 x 588 x 273 mm
I/O Ports	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x MLAN	**Part Numbers**	Barebone package (EPYC 9005/9004): 6NR183ZF0DR000ABJ1* Barebone package (EPYC 9004): 6NR183ZF0DR000AAJ1* Optional parts: - 3-Section Rail kit (Supports CMA): 25HB2-A56121-K0R - Cable Management Arm: 25HB1-R18300-K0R - RMA packaging: 6NR183ZF1SR-RMA-A100

Learn more at **https://www.GIGABYTE.com/enterprise**

Designed by **GIGA COMPUTING**

in Giga Computing   X GigaComputing   f GIGABYTEServer   ▶ GIGABYTEChannel