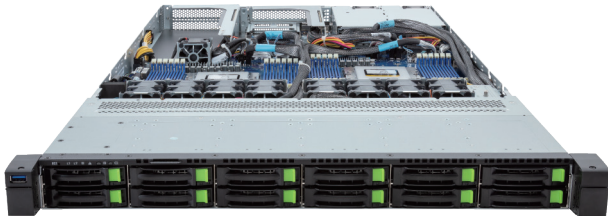


R183-ZF1-AAJ1

Rack Server - 1U DP 1 x PCIe Gen5 GPU



Key Features

- Supports 1 x Dual slot Gen5 GPU
- Dual AMD EPYC™ 9005/9004 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	Speed and bandwidth: 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	12-Channel DDR5 RDIMM, 24 x DIMMs [EPYC 9005] Up to 6000 MT/s [EPYC 9004] Up to 4800 MT/s	System Fans	1 x 40x40x28mm (34,000rpm) 8 x 40x40x56mm (32,000rpm)
LAN	1 x 10/100/1000 Mbps Management LAN	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)
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	Packaging Content	1 x R183-ZF1-AAJ1, 2 x CPU heatsinks, 1 x GPU power cable (12VHPWR, 150mm), 1 x 2-Section Rail kit Packaging Dimensions: 1038 x 588 x 273 mm
Storage	Front hot-swap: 12 x 2.5" Gen5 NVMe/SATA/SAS-4 *SAS card is required to support SAS drives.	Part Numbers	Barebone package: 6NR183ZF1DR000ACJ1* Optional parts: - 3-Section Rail kit (Supports CMA): 25HB2-A56121-K0R - Cable Management Arm: 25HB1-R18300-K0R - RMA packaging: 6NR183ZF1SR-RMA-A100
RAID	Require RAID add-in cards		
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		
I/O Ports	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x MLAN		



Learn more at <https://www.GIGABYTE.com/enterprise>

* All specifications are subject to change without notice. Please visit our website for the latest information.
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