

# R183-ZF0-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
- 4 x 3.5"/2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 1 x M.2 slot with PCIe Gen3 x4 interface
- 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

<b>Dimensions</b>	1U (W438 x H43.5 x D815 mm)	<b>I/O Ports</b>	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x MLAN
<b>Motherboard</b>	MZF3-GP0	<b>Backplane Board</b>	PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s
<b>CPU</b>	AMD EPYC™ 9005 Series Processors AMD EPYC™ 9004 Series Processors Dual processor, cTDP up to 400W	<b>Security Modules</b>	1 x TPM header with SPI interface - Optional TPM2.0 kit: CTM010
<b>Sock</b>	2 x LGA 6096 (Socket SP5)	<b>Power Supply</b>	1+1 2000W 80 PLUS Titanium redundant power supplies AC Input: 100-240V
<b>Chipset</b>	System on Chip	<b>System Management</b>	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
<b>Memory</b>	12-Channel DDR5 RDIMM, 24 x DIMMs [EPYC 9005] Up to 6000 MT/s [EPYC 9004] Up to 4800 MT/s	<b>OS Support</b>	Windows Server, Red Hat Enterprise Linux server, Ubuntu, SUSE Linux Enterprise server, VMware ESXi, Citrix Hypervisor
<b>LAN</b>	1 x 10/100/1000 Mbps Management LAN	<b>System Fans</b>	1 x 40x40x28mm (34,000rpm), 8 x 40x40x56mm (32,000rpm)
<b>Video</b>	Integrated in ASPEED® AST2600 - 1 x Mini-DP	<b>Operating Properties</b>	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)
<b>Storage</b>	Front hot-swap: 4 x 3.5"/2.5" Gen5 NVMe/SATA/SAS-4 *SAS card is required to support SAS drives. Internal M.2: 1 x M.2 (2280), PCIe Gen3 x4	<b>Packaging Content</b>	1 x R183-ZF0-AAJ1, 2 x CPU heatsinks, 1 x GPU power cable, 1 x Mini-DP to D-Sub cable, 1 x 2-Section Rail kit Packaging Dimensions: 1038 x 588 x 273 mm
<b>RAID</b>	Require RAID add-in cards	<b>Part Numbers</b>	Barebone package: 6NR183ZF0DR000ACJ1* Optional parts: - 3-Section Rail kit (Supports CMA): 25HB2-A56121-K0R - Cable Management Arm: 25HB1-R18300-K0R - RMA packaging: 6NR183ZF0SR-RMA-A100
<b>Expansion Slots</b>	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		



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

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