

R283-ZF0-AAL1

Rack Server - 2U DP 4 x PCIe Gen5 GPUs



Key Features

- 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 hot-swap bays
- 4 x 3.5"/2.5" SATA/SAS-4 hot-swap 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

Application

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

Specification

Dimensions	2U (W438 x H87.5 x D815mm)	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™ 9005/9004 Series Processors Dual processor, cTDP up to 400W	Power Supply	Dual 2700W 80 PLUS Titanium redundant power supply AC Input: 100-240V The system power supply requires C19 power cord.
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 RDIMM: Up to 4800 MT/s	System Fans	1 x 40x40x28mm (34,000rpm), 4 x 80x80x56mm (15,500rpm)
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 R283-ZF0-AAL1, 2 x CPU heatsinks, 4 x GPU power cables 1 x Mini-DP to D-Sub cable, 1 x 2-Section Rail kit Packaging Dimensions: 1077 x 679 x 300 mm
Storage	Front hot-swap: 8 x 3.5"/2.5" Gen5 NVMe/SATA/SAS-4 4 x 3.5"/2.5" SATA/SAS-4 *SAS card is required to support SAS drives.	Part Numbers	Barebone package (EPYC 9005/9004): 6NR283ZF0DR000ABL1* Barebone package (EPYC 9004): 6NR283ZF0DR000AAL1* Optional parts: - C19 power cord 125V/15A (US): 25CP1-018000-Q0R - C19 power cord 250V/16A (EU): 25CP3-01830H-Q0R - C19 power cord 125V/15A (JP): 25CPA-01830B-Q0R - RAID card (SR-1000-ED12): 25FC1-SRBUN3-AFS - 3-Section Rail kit (Supports CMA): 25HB2-A56121-K0R - Cable Management Arm: 25HB1-R18300-K0R - RMA packaging: 6NR283ZF0SR-RMA-A100
RAID	Require RAID add-in cards Optional compatible RAID Cards: GRAID SupremeRAID™ SR-1000-ED12 NVMe RAID Cards Support RAID 0/1/5/6/10		
Expansion Slots	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		
I/O Ports	Front: 2 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>

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