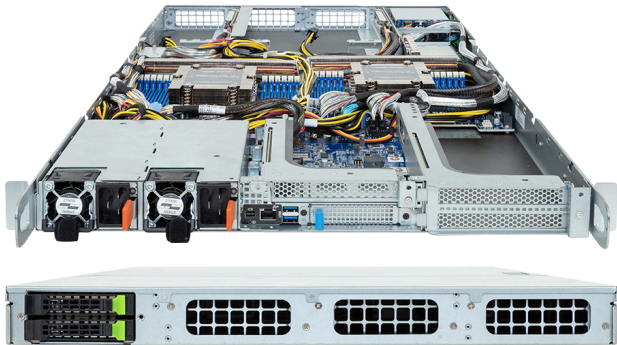


R183-ZF2-IAL1

Rack Server - 1U DP 4 x PCIe Gen5 GPUs Immersion



Key Features

- Immersion Cooling Server
- Supports 4 x Dual slot Gen5 GPUs
- Dual AMD EPYC™ 9004 Series Processors
- 12-Channel DDR5 RDIMM, 24 x DIMMs
- Dual ROM Architecture
- 2 x 2.5" Gen5 NVMe/SATA/SAS-4 bays
- 2 x M.2 slots with PCIe Gen3 x4 interface
- 4 x FHFL PCIe Gen5 x16 slots for GPUs
- 1 x FHHL PCIe Gen5 x16 slot
- 1 x **Internal** LP 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	1U (W438 x H43.5 x D900 mm)	RAID	Require RAID add-in cards
Motherboard	MZF3-GP0	PCIe Expansion Slots	4 x FHFL PCIe Gen5 x16, for GPUs 1 x FHHL PCIe Gen5 x16 1 x Internal LP PCIe Gen5 x16 1 x OCP NIC 3.0 PCIe Gen5 x16, Support NCSI
CPU	AMD EPYC™ 9005 Series Processors AMD EPYC™ 9004 Series Processors Dual processor, cTDP up to 400W	I/O Ports	Top: 2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x MLAN
OS Compatibility	OS Support List	Backplane Board	PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s
Socket	2 x LGA 6096 (Socket SP5)	TPM	1 x TPM header (SPI), Optional TPM2.0 kit: CTM010
Chipset	System on Chip	Power Supply	Dual 2700W 80 PLUS Titanium redundant power supply AC Input: 100-240V *The system power supply requires C19 power cord.
Memory	12-Channel DDR5 RDIMM, 24 x DIMMs Up to 4800 MT/s	System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
LAN	1 x 10/100/1000 Mbps Management LAN	Operating Properties	Operating coolant temperature: 25°C to 35°C Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	Packaging Content	1 x R183-ZF2-IAL1 2 x CPU heatsinks 1 x Mini-DP to D-Sub cable 1 x GPU power cable (12VHPWR, 100mm) 1 x GPU power cable (12VHPWR, 450mm) 1 x GPU power cable (12VHPWR, 650mm) 1 x GPU power cable (12VHPWR, 810mm)
Storage	Bottom: 2 x 2.5" Gen5 NVMe/SATA/SAS-4 ^[1] Internal M.2: 1 x M.2 (2280/22110), PCIe Gen3 x4 1 x M.2 (2280), PCIe Gen3 x4 ^[1] SAS card is required to support SAS drives.	Ordering Part Numbers	6NR183ZF2DR000IAL1*



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

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