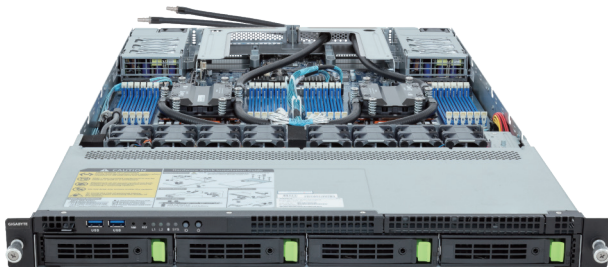


R183-Z90-LAD1

Rack Server - 1U DP 4-Bay NVMe/SATA



Key Features

- Direct liquid cooling solution
- Dual AMD EPYC™ 9004 Series Processors
- 12-Channel DDR5 RDIMM, 24 x DIMMs
- Dual ROM Architecture
- 2 x 1Gb/s LAN ports via Intel® I350-AM2
- 4 x 3.5"/2.5" Gen4 NVMe/SATA/SAS hot-swap bays
- 3 x M.2 slots with PCIe Gen3 x4 and x2 interface
- 1 x FHHHL PCIe Gen5 x16 slot
- 2 x OCP NIC 3.0 PCIe Gen5 x16 slots
- Dual 1600W 80 PLUS Platinum redundant power supply

Application

Networking, Hybrid/Private Cloud Server...

Specification

Dimensions	1U (W438 x H43.5 x D815 mm)	Backplane Board	Bandwidth: PCIe Gen4 x4 or SATA 6Gb/s or SAS 12Gb/s
Motherboard	MZ93-FS0	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	Dual 1600W 80 PLUS Platinum redundant power supply 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 Up to 4800 MT/s	System Fans	8 x 40x40x56mm (32,000rpm)
LAN	2 x 1Gb/s LAN (1 x Intel® I350-AM2) - Supports NCSI function 1 x 10/100/1000 Mbps Management LAN	Operating Properties	Operating temperature: 10°C to 35°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-Z90-LAD1, 1 x CoolIT CPU cold plate loop, 1 x Mini-DP to D-Sub cable, 1 x 2-Section Rail kit Packaging Dimensions: 1086 x 588 x 261 mm
Storage	Front hot-swap: 4 x 3.5"/2.5" Gen4 NVMe/SATA/SAS *SAS card is required to support SAS drives. Internal M.2: 2 x M.2 (2280/22110), PCIe Gen3 x4 1 x M.2 (2280/22110), PCIe Gen3 x2	Part Numbers	Barebone w/ cold plates: - EPYC 9005/9004: 6NR183Z90DR000LBD1* - EPYC 9004: 6NR183Z90DR000LAD1* - Barebone w/o cold plates: - EPYC 9005/9004: 6NR183Z90DZ000LBD1* - EPYC 9004: 6NR183Z90DZ000LAD1* Optional parts: - 3-Section Rail kit (Supports CMA): 25HB2-A56121-K0R - Cable Management Arm: 25HB1-R18300-K0R - CoolIT Leak sensor board: 6NR183Z90S1000LAD10 - RMA packaging: 6NR183Z90SR-RMA-L100
RAID	Require RAID add-in cards		
Expansion Slots	1 x FHHHL PCIe Gen5 x16 slot 2 x OCP NIC 3.0 PCIe Gen5 x16 slots - Supports NCSI function		
I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1, 2 x Mini-DP, 1 x RJ45, 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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