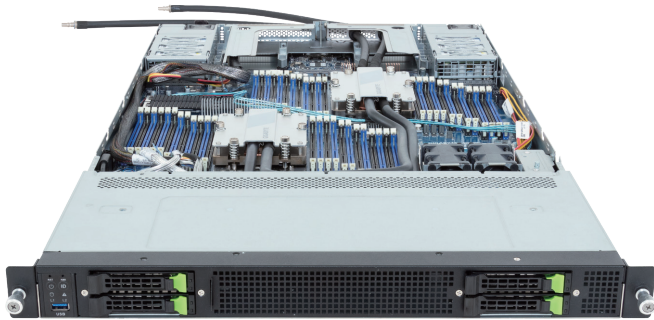


R183-ZK0-LAJ1

Rack Server - 1U DP 4 x NVMe/SATA DLC



Features

- Direct liquid cooling solution
- Dual AMD EPYC™ 9004 Series Processors (with AMD 3D V-Cache™ Technology)
- Ready for select 5th Generation AMD EPYC™ Processors
- 12-Channel DDR5 RDIMM, 48 x DIMMs
- Dual ROM Architecture
- 2 x 1Gb/s LAN ports via Intel® I350-AM2
- 4 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swappable bays
- 2 x M.2 slots with PCIe Gen3 x4 and x2 interface
- 1 x FHHL PCIe Gen5 x16 slot
- 2 x OCP 3.0 Gen5 x16 slots
- 1+1 2000W 80 PLUS Titanium redundant power supplies

Specification

Dimensions	1U (W438 x H43.5 x D815 mm)	TPM	1 x TPM header with SPI interface (Optional TPM2.0 kit: CTM010)
Motherboard	MZK3-LM0	Power Supply	1+1 2000W 80 PLUS Titanium redundant power supplies AC Input: 100-240V
CPU	AMD EPYC™ 9004 series processor AMD EPYC™ 9004 series processors with AMD 3D V-Cache™ Dual processor, 5nm technology (LGA 6096 Socket SP5) Ready for select 5th Generation AMD EPYC™ Processors	System Management	ASPEED® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
Chipset	System on Chip	OS Compatibility	Windows Server 2019 / 2022 RHEL 8.6 / 8.7 / 8.8 / 9.0 / 9.1 / 9.2 / 9.3 / 9.4 SLES 15 SP4 / 15 SP5 / 15 SP6 Ubuntu 22.04 / 22.04.1 / 22.04.2 / 22.04.3 / 22.04.4 / 24.04 LTS VMware ESXi 7.0 Update 3i / 8.0 Update 1, Update 2, Update 3 Citrix Hypervisor r 8.2 LTSR CU1
Memory	48 x DIMM slots, 12-Channel DDR5 memory RDIMM modules up to 96GB; 3DS RDIMM modules up to 256GB Memory speed: Up to 4800 MT/s (1DPC), 3600 MT/s (2DPC)	System Fans	2 x 40x40x28mm (34,000rpm) 6 x 40x40x56mm (38,000rpm)
LAN	2 x 1Gb/s LAN ports (1 x Intel® I350-AM2) - Support NCSI function 1 x 10/100/1000 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 183-ZK0-LAJ1, 1 x GIGABYTE 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	4 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swappable bays *SAS card is required for SAS devices support 1 x M.2 slot (PCIe Gen3 x4, M-key, supports 2280/22110 cards) 1 x M.2 slot (PCIe Gen3 x2, M-key, supports 2280/22110 cards)	Part Numbers	Barebone w/ cold plates: 6NR183ZK0DR000LAJ1* Barebone w/o cold plates: 6NR183ZK0DZ000LAJ1* - 2-Section Rail kit (CMA not supported): 25HB2-3A0206-K0R - GIGABYTE CPU cold plate loop: 25ST7-20000M-J2R - Mini-DP to D-Sub cable: 25CRN-200801-K1R - Power supply: 25EP0-22000Q-G1S
Expansion Slots	1 x FHHL PCIe Gen5 x16 slot 2 x OCP 3.0 Gen5 x16 slots		
I/O ports	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN		
Backplane Board	Speed and bandwidth: PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s		



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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