

GIGABYTE R183 AMD SoC LGA 6096 Rack (1U)

Brand : GIGABYTE

Product code: R183-Z91-AAD2

Product name : R183

- 2 x FHHL PCIe Gen5 x16 slots
- 2 x OCP 3.0 Gen5 x16 slots
- 1+1 1600W 80 PLUS Platinum redundant power supplies
- Dual Intel® Xeon® CPU Max Series
- 8-Channel DDR5 RDIMM, 32 x DIMMs
- Dual ROM Architecture

1u, DIMM x32, DDR5, 8-channel, RDIMM

GIGABYTE R183. Motherboard chipset: AMD SoC, Processor socket: LGA 6096, Processor manufacturer: AMD. Supported memory types: DDR4-SDRAM, Supported DIMM module capacities: 16GB, 32GB, 64GB, 128GB, Supported RDIMM clock speeds: 2933,3200 MHz. Storage drive sizes supported: 2.5,3.5,M.2. On-board graphics card model: Aspeed AST2500. Ethernet interface type: Gigabit Ethernet, Ethernet LAN data rates: 10,100,1000 Mbit/s, LAN controller: Intel® I350-AM2



Processor		Features	
Built-in processor *	✗	Trusted Platform Module (TPM)	✓
Motherboard chipset *	AMD SoC	Trusted Platform Module (TPM) version	2.0
Processor socket *	LGA 6096	Backplanes support	✓
Processor manufacturer	AMD	Logistics data	
Processor family	AMD EPYC	Harmonized System (HS) code	84714100
Processor generation	AMD EPYC 9004	Design	
Number of processors supported *	2	Chassis type *	Rack (1U)
Memory		LED indicators	HDD, LAN, Status
Number of DIMM slots *	32	Power	
Supported memory types *	DDR4-SDRAM	Power supply *	1600 W
Supported DIMM module capacities	16GB, 32GB, 64GB, 128GB	Number of main power supplies	2
Supported RDIMM clock speeds	2933,3200 MHz	Redundant power supply (RPS) support	✓
Memory channels	Octa-channel	Number of redundant power supplies supported	1
Storage		AC input voltage	100 - 240 V
Number of storage drives supported *	8	DC output current (+12 V)	97 A
Hot-swap HDD bays *	✓	Operational conditions	
Number of 2.5" bays	12	Operating temperature (T-T)	10 - 35 °C
Number of 3.5" bays	12	Storage temperature (T-T)	-40 - 60 °C
Storage drive sizes supported	2.5,3.5,M.2	Operating relative humidity (H-H)	8 - 80%
Graphics		Storage relative humidity (H-H)	20 - 95%
Discrete graphics card model	Not available	Weight & dimensions	
On-board graphics card model	Aspeed AST2500	Height	730 mm
Network		Weight	21.9 kg
Ethernet LAN	✓		
Ethernet interface type	Gigabit Ethernet		
Ethernet LAN data rates	10,100,1000 Mbit/s		

Network		Packaging data	
LAN controller	Intel® I350-AM2		
Ports & interfaces		Packaging content	1 x R183-S90-AAD2 2 x CPU heatsinks 1 x Mini-DP to D-Sub cable 6 x Carriers 1 x 2-Section Rail kit
Ethernet LAN (RJ-45) ports *	2	Package width	1045 mm
VGA (D-Sub) ports quantity	1	Package depth	595 mm
COM ports quantity	1	Package height	249 mm
Expansion slots		Package weight	24.5 kg
PCI Express slots version	4.0		
PCI Express x16 slots	4		
Number of M.2 (M) slots	3		

Catalog Object Cloud



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