GIGABYTE

GIGABYTE R283 AMD SoC LGA 6096 Rack (2U)

Brand : GIGABYTE

Product code: R283-Z91-AAD1

Product name : R283



DDR5, 24x DIMM, 3.5", 2.5", SoC
GIGABYTE R283. Motherboard chipset: AMD SoC, Processor socket: LGA 6096, Processor manufacturer: AMD. Supported memory types: DDR4-SDRAM, Supported DIMM module capacities: 256GB, Maximum RDIMM memory: 256 GB. Storage drive sizes supported: 2.5,3.5", Supported storage drive types: HDD & SSD, Supported storage drive interfaces: Serial ATA, Serial Attached SCSI (SAS). On-board graphics card model: Aspeed AST2500. Ethernet LAN data rates: 10,100,1000 Mbit/s, LAN controller: Intel® I350-AM2

Processor	
Built-in processor *	✗
Motherboard chipset *	AMD SoC
Processor socket *	LGA 6096
Processor manufacturer	AMD
Processor family	AMD EPYC
Processor generation	AMD EPYC 9004
Number of processors supported *	2

Memory	
Number of DIMM slots *	32
Supported memory types *	DDR4-SDRAM
Supported DIMM module capacities	256GB
Maximum RDIMM memory	256 GB
Supported RDIMM clock speeds	4800 MHz
Memory channels	Octa-channel

Storage	
Number of storage drives supported *	12
Hot-swap HDD bays *	✓
Number of 2.5" bays	12
Number of 3.5" bays	12
Storage drive sizes supported	2.5,3.5"
Supported storage drive types	HDD & SSD
Supported storage drive interfaces	Serial ATA, Serial Attached SCSI (SAS)
RAID levels	0, 1, 5, 10

Graphics	
On-board graphics card model	Aspeed AST2500

Network	
Ethernet LAN	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
LAN controller	Intel® I350-AM2

Ports & interfaces	
Ethernet LAN (RJ-45) ports *	2
VGA (D-Sub) ports quantity	1
COM ports quantity	1

Expansion slots	
PCI Express slots version	4.0
PCI slots	7
PCI Express x24 Riser Super slots	1

Features	
Trusted Platform Module (TPM)	✓
Trusted Platform Module (TPM) version	2.0
Backplanes support	✓

Logistics data	
Harmonized System (HS) code	84714100

Design	
Chassis type *	Rack (2U)
LED indicators	HDD, LAN, Status

Power	
Power supply *	2000 W
Number of main power supplies	2
Redundant power supply (RPS) support	✓
AC input voltage	110 - 240 V
DC output current (+5 V)	81 A
DC output current (+12 V)	163 A

Operational conditions	
Operating temperature (T-T)	10 - 35 °C
Storage temperature (T-T)	-40 - 60 °C
Operating relative humidity (H-H)	8 - 80%
Storage relative humidity (H-H)	20 - 95%

Weight & dimensions	
Width	438 mm
Depth	87 mm
Height	730 mm

Packaging data	
Packaging content	1 x R282-Z96 system 2 x CPU heatsinks 1 x Rail kit
Package width	982 mm
Package depth	588 mm
Package height	268 mm

Catalog Object Cloud



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