

GIGABYTE R283 AMD SoC LGA 6096 Rack (2U)

Brand : GIGABYTE

Product code: R283-Z96-AAE2

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		Expansion slots	
Built-in processor *	✗	PCI Express slots version	4.0
Motherboard chipset *	AMD SoC	PCI slots	7
Processor socket *	LGA 6096	PCI Express x24 Riser Super slots	1
Processor manufacturer	AMD	Features	
Processor family	AMD EPYC	Trusted Platform Module (TPM)	✓
Processor generation	AMD EPYC 9004	Trusted Platform Module (TPM) version	2.0
Number of processors supported *	2	Backplanes support	✓
Memory		Logistics data	
Number of DIMM slots *	32	Harmonized System (HS) code	84714100
Supported memory types *	DDR4-SDRAM	Design	
Supported DIMM module capacities	256GB	Chassis type *	Rack (2U)
Maximum RDIMM memory	256 GB	LED indicators	HDD, LAN, Status
Supported RDIMM clock speeds	4800 MHz	Power	
Memory channels	Octa-channel	Power supply *	2000 W
Storage		Number of main power supplies	2
Number of storage drives supported *	12	Redundant power supply (RPS) support	✓
Hot-swap HDD bays *	✓	AC input voltage	110 - 240 V
Number of 2.5" bays	12	DC output current (+5 V)	81 A
Number of 3.5" bays	12	DC output current (+12 V)	163 A
Storage drive sizes supported	2.5,3.5"	Operational conditions	
Supported storage drive types	HDD & SSD	Operating temperature (T-T)	10 - 35 °C
Supported storage drive interfaces	Serial ATA, Serial Attached SCSI (SAS)	Storage temperature (T-T)	-40 - 60 °C
RAID levels	0, 1, 5, 10	Operating relative humidity (H-H)	8 - 80%
Graphics		Storage relative humidity (H-H)	20 - 95%
On-board graphics card model	Aspeed AST2500	Weight & dimensions	
Network		Width	438 mm
Ethernet LAN	✓	Depth	87 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height	730 mm
LAN controller	Intel® I350-AM2	Packaging data	
Ports & interfaces		Packaging content	1 x R282-Z96 system 2 x CPU heatsinks 1 x Rail kit
Ethernet LAN (RJ-45) ports *	2	Package width	982 mm
VGA (D-Sub) ports quantity	1	Package depth	588 mm
COM ports quantity	1	Package height	268 mm

Catalog Object Cloud



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