

## GIGABYTE R283 AMD SoC LGA 6096 Rack (2U)

**Brand :** GIGABYTE

**Product code:** R283-Z90-AAD4

**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



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.