

GIGABYTE R283 Intel SoC LGA 4677 (Socket E) Rack (2U)

Brand : GIGABYTE

Product code: R283-S95-AAC1

Product name : R283



DDR5, 24x DIMM, 3.5", 2.5", SoC
GIGABYTE R283. Motherboard chipset: Intel SoC, Processor socket: LGA 4677 (Socket E), Processor manufacturer: Intel. Supported memory types: DDR4-SDRAM, Supported DIMM module capacities: 256GB, Maximum RDIMM memory: 256 GB. Storage drive sizes supported: 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 slots	7
Motherboard chipset *	Intel SoC	PCI Express x24 Riser Super slots	1
Processor socket *	LGA 4677 (Socket E)	Features	
Processor manufacturer	Intel	Trusted Platform Module (TPM)	✓
Processor family	Intel® Xeon®	Trusted Platform Module (TPM) version	2.0
Processor generation	Intel Xeon Scalable 4th Gen	Backplanes support	✓
Number of processors supported *	2	Logistics data	
Memory		Harmonized System (HS) code	84714100
Number of DIMM slots *	32	Design	
Supported memory types *	DDR4-SDRAM	Chassis type *	Rack (2U)
Supported DIMM module capacities	256GB	LED indicators	HDD, LAN, Status
Maximum RDIMM memory	256 GB	Power	
Supported RDIMM clock speeds	4800 MHz	Power supply *	2000 W
Memory channels	Octa-channel	Number of main power supplies	2
Storage		Redundant power supply (RPS) support	✓
Number of storage drives supported *	12	AC input voltage	110 - 240 V
Hot-swap HDD bays *	✓	DC output current (+5 V)	81 A
Number of 2.5" bays	12	DC output current (+12 V)	163 A
Storage drive sizes supported	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
Expansion slots			
PCI Express slots version	4.0		

Catalog Object Cloud



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