GIGABYTE

GIGABYTE R183 Intel C741 LGA 4677 (Socket E) Rack (1U)

Brand : GIGABYTE

Product code: R183-S93-AAC2

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: Intel C741, Processor socket: LGA 4677 (Socket E), Processor manufacturer: Intel. 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". 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	
Built-in processor *	✗
Motherboard chipset *	Intel C741
Processor socket *	LGA 4677 (Socket E)
Processor manufacturer	Intel
Processor family	Intel® Xeon®
Processor generation	Intel Xeon Scalable 4th Gen
Number of processors supported *	2

Memory	
Number of DIMM slots *	32
Supported memory types *	DDR4-SDRAM
Supported DIMM module capacities	16GB, 32GB, 64GB, 128GB
Supported RDIMM clock speeds	2933,3200 MHz
Memory channels	Octa-channel

Storage	
Number of storage drives supported *	4
Hot-swap HDD bays *	✓
Number of 2.5" bays	4
Number of 3.5" bays	4
Storage drive sizes supported	2.5,3.5"

Graphics	
Discrete graphics card model	Not available
On-board graphics card model	Aspeed AST2500

Network	
Ethernet LAN	✓
Ethernet interface type	Gigabit Ethernet
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 Express x16 slots	4
Number of M.2 (M) 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 (1U)
LED indicators	HDD, LAN, Status

Power	
Power supply *	1600 W
Number of main power supplies	2
Redundant power supply (RPS) support	✓
Number of redundant power supplies supported	1
AC input voltage	100 - 240 V
DC output current (+12 V)	97 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	
Height	730 mm
Weight	21.9 kg

Packaging data	
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
Package width	1045 mm
Package depth	595 mm
Package height	249 mm
Package weight	24.5 kg

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. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.

Publication date: 12-NOV-2026. Prints or copies of Information are only valid on the printed Publication date