GIGABYTE

GIGABYTE R163-S32-AAC1 server barebone Intel C741 LGA 4677 (Socket E) Rack (1U)

Brand : GIGABYTE

Product name : R163-S32-AAC1

Product code: R163-S32-AAC1

- Single 5th/4th Gen Intel® Xeon® Scalable Processors
- Single Intel® Xeon® CPU Max Series
- 8-Channel DDR5 RDIMM, 16 x DIMMs
- Dual ROM Architecture
- 1 x 1Gb/s LAN port via Intel® I210-AT
- 12 x 2.5" Gen4 NVMe/SATA/SAS hot-swappable bays
- 1 x M.2 slot with PCIe Gen3 x4 interface
- 1 x FHHL PCIe Gen5 x16 slot
1U, MS33-DC0, LGA 4677, C741
GIGABYTE R163-S32-AAC1. Motherboard chipset: Intel C741, Processor socket: LGA 4677 (Socket E), Processor manufacturer: Intel. Supported memory types: DDR4-SDRAM, Supported DIMM module capacities: 256GB, Supported RDIMM clock speeds: 4800 MHz. Storage drive sizes supported: 2.5,M.2. On-board graphics card model: Aspeed AST2500. Ethernet interface type: Gigabit Ethernet, Ethernet LAN data rates: 10,100,1000 Mbit/s

Processor	
Built-in processor *	✘
Motherboard chipset *	Intel C741
Processor socket *	LGA 4677 (Socket E)
Processor manufacturer *	Intel
Processor family	Intel
Number of processors supported *	1

Memory	
Number of DIMM slots *	16
Supported memory types *	DDR4-SDRAM
Supported DIMM module capacities	256GB
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
Storage drive sizes supported	2.5,M.2

Graphics	
On-board graphics card model	Aspeed AST2500

Network	
Ethernet LAN	✔
Ethernet interface type	Gigabit Ethernet
Ethernet LAN data rates	10,100,1000 Mbit/s

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

Expansion slots	
PCI Express x16 slots	1
Number of M.2 (M) slots	1

Features	
Trusted Platform Module (TPM)	✔

Features	
Backplanes support	✔
Compatible operating systems	Windows Server 2016 (X2APIC/256T not supported) Windows Server 2019 Red Hat Enterprise Linux 7.6 (x64) or later Red Hat Enterprise Linux 8.0 (x64) or later SUSE Linux Enterprise Server 12 SP4 (x64) or later SUSE Linux Enterprise Server 15 SP1 (x64) or later Ubuntu 16.04.6 LTS (x64) or later Ubuntu 18.04.3 LTS (x64) or later Ubuntu 20.04 LTS (x64) or later VMware ESXi 6.5 EP15 or later VMware ESXi 6.7 Update3 or later VMware ESXi 7.0 or later Citrix Hypervisor 8.1.0 or later

Logistics data	
Harmonized System (HS) code	84714100

Design	
Chassis type *	Rack (1U)
LED indicators	HDD, LAN, Power, Status
On/off switch	✔
Reset button	✔
Number of fans	8 fan(s)
Fan diameter	8 cm

Power	
Power supply *	800 W
Number of main power supplies	2
AC input voltage	100 - 240 V
Input current	10 - 4 A
DC output current (+12 V)	66 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%

Features

Trusted Platform Module (TPM) version	2.0

Weight & dimensions

Width	438 mm
Depth	730 mm
Height	43.5 mm

Packaging data

Packaging content	1 x R162-ZA1 1 x CPU heatsink 1 x Rail kit

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