

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

**Brand :** GIGABYTE

**Product code:** R163-S32-AAC1

**Product name :** 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		Features	
Built-in processor *	✗	Backplanes support	✓
Motherboard chipset *	Intel C741	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	
Processor socket *	LGA 4677 (Socket E)		
Processor manufacturer	Intel		
Processor family	Intel		
Number of processors supported *	1		
Memory		Logistics data	
Number of DIMM slots *	16	Harmonized System (HS) code	84714100
Supported memory types *	DDR4-SDRAM	Design	
Supported DIMM module capacities	256GB	Chassis type *	Rack (1U)
Supported RDIMM clock speeds	4800 MHz	LED indicators	HDD, LAN, Power, Status
Memory channels	Octa-channel	On/off switch	✓
		Reset button	✓
		Number of fans	8 fan(s)
		Fan diameter	8 cm
Storage		Power	
Number of storage drives supported *	12	Power supply *	800 W
Hot-swap HDD bays *	✓	Number of main power supplies	2
Number of 2.5" bays	12	AC input voltage	100 - 240 V
Storage drive sizes supported	2.5,M.2	Input current	10 - 4 A
		DC output current (+12 V)	66 A
Graphics		Operational conditions	
On-board graphics card model	Aspeed AST2500	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%
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		Weight & dimensions	
Trusted Platform Module (TPM) version	2.0	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	

## Catalog Object Cloud



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