

## GIGABYTE R163-Z32-AAC2 server barebone AMD SoC LGA 6096 Rack (1U)

Brand : GIGABYTE

Product code: R163-Z32-AAC2

Product name : R163-Z32-AAC2



MZ33-DC0, LGA 6096, SoC

GIGABYTE R163-Z32-AAC2 server barebone AMD SoC LGA 6096 Rack (1U):

### Powering the Next Generation of Server Architecture and Energy Efficiency

The path to AMD's 5nm 'Zen 4' architecture was paved with many successful generations of EPYC innovations and chiplet designs, and AMD EPYC 9004 Series processors continue this progression. Adding a host of new features to target a wide range of workloads, the new family of EPYC processors will deliver even better CPU performance and performance per watt, and do so on a platform with 2x the throughput of PCIe 4.0 lanes that also has support for 50% more memory channels. For this new platform, GIGABYTE has products ready to get the most out of EPYC-based systems that support fast PCIe Gen5 accelerators and Gen5 NVMe drives, in addition to support for high performant DDR5 memory.

Processor		Features	
Built-in processor *	✗	Backplanes support	✓
Motherboard chipset *	AMD SoC	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 6096		
Processor manufacturer	AMD		
Processor family	AMD EPYC		
Number of processors supported *	1		
Memory		Logistics data	
Number of DIMM slots *	16	Harmonized System (HS) code	84714100
Supported memory types *	DDR4-SDRAM		
Supported DIMM module capacities	256GB		
Supported RDIMM clock speeds	4800 MHz		
Memory channels	Octa-channel		
Storage		Design	
Number of storage drives supported *	12	Chassis type *	Rack (1U)
Hot-swap HDD bays *	✓	LED indicators	HDD, LAN, Power, Status
Number of 2.5" bays	12	On/off switch	✓
Storage drive sizes supported	2.5,M.2	Reset button	✓
Graphics		Number of fans	
On-board graphics card model	Aspeed AST2500		8 fan(s)
Network		Fan diameter	
Ethernet LAN	✓		8 cm
Ethernet interface type	Gigabit Ethernet		
Ethernet LAN data rates	10,100,1000 Mbit/s		
Ports & interfaces		Power	
Ethernet LAN (RJ-45) ports *	2	Power supply *	800 W
VGA (D-Sub) ports quantity	1	Number of main power supplies	2
Expansion slots		AC input voltage	
PCI Express x16 slots	1		100 - 240 V
Number of M.2 (M) slots	1		
Features		Input current	
Trusted Platform Module (TPM)	✓		10 - 4 A
Trusted Platform Module (TPM) version	2.0		DC output current (+12 V) 66 A
Operational conditions		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		Weight & dimensions	
		Width	438 mm

**Weight & dimensions**

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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## Catalog Object Cloud



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