

GIGABYTE R163-Z30-AAB2 server barebone AMD SoC LGA 6096 Rack (1U)

Brand : GIGABYTE

Product code: R163-Z30-AAB2

Product name : R163-Z30-AAB2



EPYC, LGA 6096, SoC, MZ33-DC0

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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 *	✗	Trusted Platform Module (TPM) version	2.0
Motherboard chipset *	AMD SoC	Backplanes support	✓
Processor socket *	LGA 6096		
Processor manufacturer	AMD	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 family	AMD EPYC		
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 *	4	Logistics data	
Hot-swap HDD bays *	✓	Harmonized System (HS) code	84714100
Number of 2.5" bays	4	Design	
Number of 3.5" bays	4	Chassis type *	Rack (1U)
Storage drive sizes supported	2.5,3.5,M.2	LED indicators	HDD, LAN, Power, Status
Graphics		On/off switch	✓
On-board graphics card model	Aspeed AST2500	Reset button	✓
Network		Number of fans	8 fan(s)
Ethernet LAN	✓	Fan diameter	8 cm
Ethernet interface type	Gigabit Ethernet	Power	
Ethernet LAN data rates	10,100,1000 Mbit/s	Power supply *	800 W
Ports & interfaces		Number of main power supplies	2
Ethernet LAN (RJ-45) ports *	2	AC input voltage	100 - 240 V
VGA (D-Sub) ports quantity	1	Input current	10 - 4 A
Expansion slots		DC output current (+12 V)	66 A
PCI Express x16 slots	1	Operational conditions	
Number of M.2 (M) slots	1	Operating temperature (T-T)	10 - 35 °C
Features		Storage temperature (T-T)	-40 - 60 °C
Trusted Platform Module (TPM)	✓	Operating relative humidity (H-H)	8 - 80%
		Storage relative humidity (H-H)	20 - 95%

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

Catalog Object Cloud



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