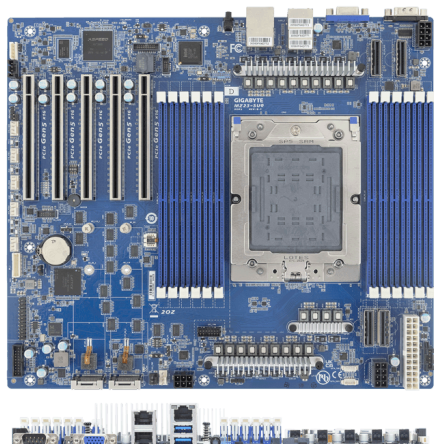


MZ23-SU0 (Rev. 3.x)

Motherboard - AMD EPYC™ 9005/9004 - CEB UP



Key Features

- Single AMD EPYC™ 9005/9004 Series Processors
- 12-Channel DDR5 RDIMM, 12 x DIMMs
- 2 x 1Gb/s LAN ports via Intel® I350-AM2
- 2 x MCIO 8i connectors with PCIe Gen5 x8 or SATA interface
- 2 x MCIO 8i connectors with PCIe Gen5 x8 interface
- 2 x M.2 slots with PCIe Gen3 x2 interface
- 5 x PCIe Gen5 x16 expansion slots

Specification

Form Factor	CEB (W304.8 x D266.7 mm)	Internal I/O	1 x 24-pin ATX main power connector 2 x 8-pin ATX 12V power connectors 1 x 6-pin ATX 12V power connector 1 x CPU fan header / 5 x System fan headers 1 x USB 3.2 Gen1 x2 header / 2 x M.2 slots 4 x MCIO 8i connectors / 1 x Front panel header 1 x Backplane board header / 1 x PMBus connector 1 x IPMB connector / 1 x TPM header
CPU	AMD EPYC™ 9005 Series Processors AMD EPYC™ 9004 Series Processors Single processor, cTDP up to 500W	Rear I/O	2 x USB 3.2 Gen1 ports (Type-A) 1 x VGA port 1 x Serial port 2 x RJ45 ports 1 x MLAN port 1 x ID button with LED
Socket	1 x LGA 6096	Security Modules	1 x TPM header (SPI), Optional TPM2.0 kit: CTM012
Chipset	System on Chip	Board Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
Memory	12-Channel DDR5 RDIMM, 12 x DIMMs [EPYC 9005] Up to 6400 MT/s [EPYC 9004] Up to 4800 MT/s	PSU Connectors	1 x 24-pin ATX main power connector 2 x 8-pin ATX 12V power connectors 1 x 6-pin ATX 12V power connector
OS Compatibility	OS Support List	Operating Properties	Operating: 10°C to 40°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
LAN	2 x 1Gb/s LAN (1 x Intel® I350-AM2), Support NCSI 1 x 10/100/1000 Mb/s Management LAN	Retail Packaging Content	1 x MZ23-SU0 1 x I/O shield 1 x MCIO 8i to 8 x SATA cable (600mm) Quantity: 10 x single boxes in one carton
Video	Integrated in ASPEED® AST2600 - 1 x VGA port	Bulk Packaging Content	10 x MZ23-SU0 10 x I/O shields 10 x MCIO 8i to 8 x SATA cables (600mm)
Audio	N/A	Ordering Part Numbers	Retail: 9MZ23SU0MR-000-3* Bulk: 9MZ23SU0NR-000-3*
Storage Interface	MCIO: 2 x MCIO 8i for 4 x Gen5 NVMe or 16 x SATA 2 x MCIO 8i for 4 x Gen5 NVMe M.2: 2 x M.2 (2280/22110), PCIe Gen3 x2	Optional Parts	- MCIO 8i to 2 x MCIO 4i cable (550mm): 25CF9-550700-A4R
RAID	N/A		
PCIe Expansion Slots	5 x PCIe Gen5 x16 2 x MCIO 8i (Gen5 x8 or SATA) 2 x MCIO 8i (Gen5 x8)		



Learn more at: <https://www.gigabyte.com/Enterprise>

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Last updated: Mar 25, 2026

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