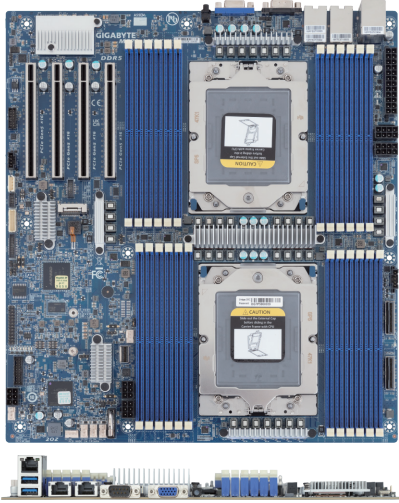


# MZ73-LM0 (Rev. 3.x)

Server Motherboard - E-ATX DP



## Features

- Dual AMD EPYC™ 9005/9004 Series Processors
- 12-Channel DDR5 RDIMM, 24 x DIMMs
- 2 x 10Gb/s LAN ports via Broadcom® BCM57416
- 2 x MCIO 8i connectors with PCIe Gen5 x8 or SATA interface
- 1 x SlimSAS 4i connector for 4 x SATA 6Gb/s
- 1 x M.2 slot with PCIe Gen4 x4 interface
- 4 x PCIe Gen5 x16 expansion slots

## Specification

|                          |   |                                 |   |
|--------------------------|---|---------------------------------|---|
| <b>Form Factor</b>       | E-ATX (W304.8 x D335.2 mm)  | <b>Internal I/O</b>             | 2 x CPU fan headers, 4 x System fan headers, 1 x M.2 slot, 1 x USB 3.2 Gen1 x2 header, 2 x MCIO 8i connectors, 1 x SlimSAS connector, 1 x Front panel header, 1 x Backplane board header, 1 x PMBus connector, 1 x IPMB connector, 1 x TPM header |
| <b>CPU</b>               | AMD EPYC™ 9005 Series Processors<br>AMD EPYC™ 9004 Series Processors<br>Dual processors, cTDP up to 400W              | <b>OS Compatibility</b>         | Microsoft Windows Server<br>Red Hat Enterprise Linux server<br>SUSE Linux Enterprise server<br>Ubuntu<br>VMware ESXi<br>Citrix Hypervisor   |
| <b>Socket</b>            | 2 x LGA 6096, Socket SP5  | <b>Board Management</b>         | ASPEED® AST2600 Baseboard Management Controller<br>GIGABYTE Management Console web interface  |
| <b>Chipset</b>           | System on Chip  | <b>PSU Connectors</b>           | 1 x 24-pin ATX main power connector<br>2 x 8-pin ATX 12V power connectors<br>3 x 6-pin ATX 12V power connectors   |
| <b>Memory</b>            | 24 x DIMM slots<br>12-Channel DDR5 RDIMM<br>[EPYC 9005] Up to 6000 MT/s<br>[EPYC 9004] Up to 4800 MT/s                | <b>Operating Properties</b>     | Operating temperature: 10°C to 40°C<br>Operating humidity: 8-80% (non-condensing)<br>Non-operating temperature: -40°C to 60°C<br>Non-operating humidity: 20%-95% (non-condensing)   |
| <b>LAN</b>               | 2 x 10Gb/s LAN (1 x Broadcom® BCM57416) - Support NCSI<br>1 x 10/100/1000 Mbps Management LAN                         | <b>Retail Packaging Content</b> | 1 x MZ73-LM0, 1 x I/O shield, 1 x Quick start guide,<br>1 x SlimSAS 4i to 4 x SATA 6Gb/s cable (600mm)<br>Single Box dimensions: 409 x 355 x 78 mm<br>Carton dimensions: 729 x 415 x 432 mm   |
| <b>Video</b>             | Integrated in ASPEED® AST2600 - 1 x Mini-DP   | <b>Bulk Packaging Content</b>   | 10 x MZ73-LM0, 10 x I/O shields<br>Carton dimensions: 600 x 473 x 517 mm  |
| <b>Audio</b>             | N/A   | <b>Reference Numbers</b>        | Retail: 9MZ73LM0MR-000-3*<br>Bulk: 9MZ73LM0NR-000-3*  |
| <b>Storage Interface</b> | 2 x MCIO 8i for 4 x Gen5 NVMe or 16 x SATA<br>1 x SlimSAS 4i for 4 x SATA 6Gb/s<br>1 x M.2 (2280/22110), PCIe Gen4 x4 |                                 |   |
| <b>RAID</b>              | N/A   |                                 |   |
| <b>Expansion Slots</b>   | 4 x PCIe Gen Gen5 x16 slots   |                                 |   |
| <b>Security Modules</b>  | 1 x TPM header with SPI interface<br>- Optional TPM2.0 kit: CTM012  |                                 |   |
| <b>Rear I/O</b>          | 2 x USB 3.2 Gen1, 1 x VGA, 1 x COM, 2 x RJ45, 1 x MLAN  |                                 |   |



Learn more at <https://www.GIGABYTE.com/enterprise>

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