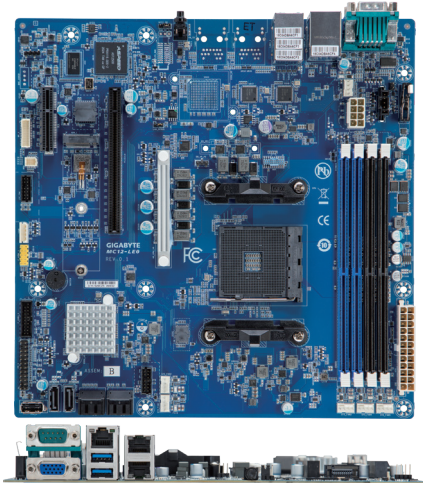


# MC12-LE0

## AMD Ryzen™ 5000 Server Board



### Features

- AMD Ryzen™ 5000 Series/ 3rd Gen Ryzen™ and 3rd Gen Ryzen™ with Radeon™ Graphics Processors
- Dual Channel ECC/ Non-ECC Unbuffered DDR4, 4 DIMMs
- 2 x 1Gb/s LAN ports (Intel® I210-AT)
- 1 x Dedicated management port
- 6 x SATA 6Gb/s ports
- Ultra-Fast M.2 with PCIe Gen3 x1 interface
- 2 x PCIe Gen4 expansion slots

### Specification

<b>Form Factor</b>	microATX (W244 x D244 mm)	<b>Rear I/O</b>	2 x USB 3.1 Gen1, 1 x VGA, 1 x COM, 2 x RJ45, 1 x MLAN
<b>CPU</b>	AMD Ryzen™ 5000 Series/ 3rd Gen Ryzen™ and 3rd Gen Ryzen™ with Radeon™ Graphics Processors	<b>TPM</b>	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
<b>Socket</b>	Socket AM4	<b>PSU Connectors</b>	1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connectors
<b>Chipset</b>	AMD B550	<b>System Management</b>	Aspeed® AST2500 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
<b>Memory</b>	2-Channel DDR4 memory, 4 x DIMM slots Supported ECC Un-buffered DIMM 1Rx8/2Rx8 and non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules Total up to 128GB of system memory (32GB single DIMM capacity) Memory speed: Up to 3200/ 2933/ 2667/ 2400/ 2133 MHz	<b>OS Compatibility</b>	Windows 10 64-bit
<b>LAN</b>	2 x 1GbE LAN ports ( Intel® I210-AT) 1 x 10/100/1000 management LAN	<b>Operating Properties</b>	Operating temperature: 10°C to 40°C Operating humidity: 8-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
<b>Video</b>	Integrated in Aspeed® AST2500 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp	<b>Retail Packaging Content</b>	1 x MC12-LE0 1 x I/O shield 1 x Quick start guide 4 x SATA cables Single Box dimensions: 321 x 308.5 x 78.5 mm Carton dimension: 630 x 420 x 345 mm Quantity: 10 x single box with one carton
<b>SATA</b>	6 x SATA 6Gb/s ports	<b>Bulk Packaging Content</b>	10 x MC12-LE0 10 x I/O shields Carton dimensions: 609 x 581 x 362 mm MOQ: 10 PCS MC12-LE0
<b>RAID</b>	RAID 0, RAID 1, and RAID 10	<b>Reference Numbers</b>	Bulk: 9MC12LE0NR-00 - I/O shield: 12AIO-MC12C0-10R - SATA 6Gb/s cable: 12CF1-2SAT01-31R
<b>Expansion Slots</b>	1 x PCIe x16 (Gen4 x16) slot from CPU 1 x PCIe x4 (Gen4 x4) slot from CPU 1 x M.2 slot (Gen3 x1), supports NGFF-2242/ 2280 cards		
<b>Internal I/O</b>	6 x SATA ports, 1 x HDD back plane board header, 1 x CPU fan header, 5 x System fan headers, 1 x USB 3.1 Gen1 header with 2-port, 1 x USB 3.1 Gen1 type-A connector, 1 x USB 2.0 header with 2-port, 1 x TPM header, 1 x Front panel header, 1 x IPMB connector, 1 x PMBUS connector, 1 x Clear CMOS jumper		



Learn more about GIGABYTE server solutions, visit [www.gigabyte.com/Enterprise](http://www.gigabyte.com/Enterprise)

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