

MC12-LE0 (Rev. 1.x)

Motherboard - AMD Ryzen™ 5000/4000/3000 Series Processors - microATX UP



Key Features

- Single AMD Ryzen™ 5000/4000/3000 Series processors
- Dual Channel DDR4 ECC/Non-ECC UDIMM, 4 x DIMMs
- 2 x 1 Gb/s LAN ports via Intel® I210-AT
- 6 x SATA 7-pin ports
- 1 x M.2 slot with PCIe Gen3 x1
- 2 x PCIe Gen4 x16 and x4 slots

Specification

Form Factor	microATX (W244 x D244 mm)	Internal I/O	1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector 1 x CPU fan header / 5 x System fan headers 1 x USB 3.2 Gen1 x2 header / 1 x USB 3.2 Gen1 port (Type-A) 1 x USB 2.0 x2 header / 1 x M.2 slot 6 x SATA 7-pin 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 Ryzen™ 5000 Series processors AMD Ryzen™ 4000 Series processors AMD Ryzen™ 3000 Series processors Single processor, TDP up to 105 W	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 AM4	Security Modules	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
Chipset	AMD B550	PSU Connectors	1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector
Memory	Dual channel DDR4 ECC/Non-ECC UDIMM, 4 x DIMMs Up to 3200 MT/s †1 ECC support is only available on AMD Ryzen™ Desktop processors with PRO technologies.	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 1 Gb/s LAN (2 x Intel® I210-AT) 1 x 10/100/1000 Mb/s Management LAN	Retail Packaging Content	1 x MC12-LE0 1 x I/O shield 1 x Quick start guide 4 x SATA cables (500 mm) Quantity: 10 x single boxes in one carton
Video	Integrated in ASPEED® AST2500 - 1 x VGA port	Bulk Packaging Content	10 x MC12-LE0 10 x I/O shields
Audio	N/A	Ordering Part Numbers	Retail: 9MC12LE0MR-00-1* Bulk: 9MC12LE0NR-00-1*
Storage Interface	SATA 7-pin: 6 x SATA M.2: 1 x M.2 (2242/2280), PCIe Gen3 x1		
RAID	RAID 0/1/10		
PCIe Expansion Slots	Slot_6: PCIe x16 (Gen4 x16) Slot_4: PCIe x4 (Gen4 x4)		



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

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