

MC13-LE1 (Rev. 1.x/3.x/4.x)

Motherboard - AMD EPYC™ 4005/4004 & Ryzen™ 9000/7000 Series Processors - microATX UP 10 Gb/s LAN



Key Features

- Single AMD EPYC™ 4005/4004 & Ryzen™ 9000/7000 Series processors
- Dual Channel DDR5 ECC/Non-ECC UDIMM per CPU with 4 x DIMMs
- 2 x 10 Gb/s LAN ports via Intel® X710-AT2
- 4 x SATA 7-pin ports
- 1 x M.2 slot with PCIe Gen5 x4
- 1 x PCIe x16 slot with Gen5 x16 lanes
- 1 x PCIe x4 slot with Gen4 x4 lanes

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 2.0 x2 header 1 x USB 2.0 port (Type-A) / 1 x M.2 slot 4 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 EPYC™ 4005 Series processors AMD EPYC™ 4004 Series processors AMD Ryzen™ 9000 Series processors AMD Ryzen™ 7000 Series processors Single processor, TDP up to 170 W *Recommend to install 170 W CPU with a liquid cooling kit.	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 AM5	Security Modules	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
Chipset	AMD B650E	PSU Connectors	1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector
Memory	Dual channel DDR5 ECC/Non-ECC UDIMM, 4 x DIMMs [EPYC 4005/Ryzen 9000] Up to 5600 MT/s (1DPC), 3600 MT/s (2DPC) [EPYC 4004/Ryzen 7000] Up to 5200 MT/s (1DPC), 3600 MT/s (2DPC)	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 10 Gb/s LAN (1 x Intel® X710-AT2), Support NCSI 1 x 10/100/1000 Mb/s Management LAN	Retail Packaging Content	1 x MC13-LE1 1 x I/O shield 1 x Quick start guide 1 x M.2 heatsink 4 x SATA cables (500 mm) Quantity: 10 x single boxes in one carton
Video	Integrated in ASPEED® AST2600 - 1 x VGA port	Bulk Packaging Content	20 x MC13-LE1 20 x I/O shields
Audio	N/A	Ordering Part Numbers	Retail: 9MC13LE1MR-000-4* Bulk: 9MC13LE1NR-000-4*
Storage Interface	SATA 7-pin: 4 x SATA M.2: 1 x M.2 (2242/2280), PCIe Gen5 x4		
RAID	RAID 0/1/10		
PCIe Expansion Slots	Slot_3: PCIe x16 (Gen5 x16) Slot_1: PCIe x4 (Gen4 x4)		



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

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