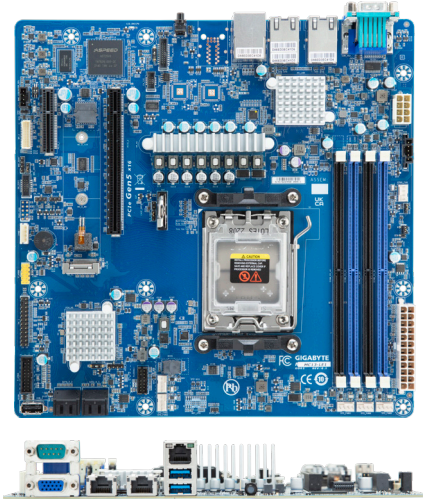


MC13-LE1

Motherboard - microATX UP



Features

- AMD EPYC™ 4004 Series Processors
- AMD Ryzen™ 7000 Series Processors (with AMD 3D V-Cache™)
- Single processor, 5nm technology
- Dual Channel ECC/Non-ECC UDIMM DDR5, 4 DIMMs
- 2 x 10Gb/s LAN ports via Intel® X710
- 4 x SATA 6Gb/s ports
- 1 x M.2 slot with PCIe Gen5 x4 interface
- 1 x PCIe Gen5 x16 expansion slot
- 1 x PCIe Gen4 x4 expansion slot

Specification

Form Factor microATX (W244 x D244 mm)

CPU AMD EPYC™ 4004 Series Processors
AMD Ryzen™ 7000 Series Processors (with AMD 3D V-Cache™)
Single processor, 5nm technology
TDP up to 170W

Socket 1 x AM5

Chipset AMD B650E

Memory 2-Channel DDR5 memory, 4 x DIMM slots
ECC UDIMM 1Rx8/2Rx8 supported
Non-ECC UDIMM 1Rx8/2Rx8/1Rx16 supported
Total capacity up to 128GB
Memory speed: Up to 5200 MT/s (1DPC), 3600 MT/s (2DPC)

LAN 2 x 10GbE LAN ports (Intel® X710)
1 x 10/100/1000 management LAN

Video Integrated in Aspeed® AST2600
2D Video Graphic Adapter with PCIe bus interface
1920x1200@60Hz 32bpp

SATA 4 x SATA 6Gb/s ports

RAID RAID 0/1/10

Expansion Slots 1 x PCIe x16 (Gen5 x16) slot
1 x PCIe x4 (Gen4 x4) slot
1 x M.2 slot (Gen5 x4), supports 2242/2280 cards

Internal I/O 1 x CPU fan header, 5 x System fan headers, 1 x USB 2.0 (Type-A),
1 x USB 3.2 Gen1 x2 header, 1 x USB 2.0 x2 header, 4 x SATA
connectors, 1 x TPM header, 1 x Front panel header, 1 x IPMB
connector, 1 x Backplane board header, 1 x PMBUS connector

Rear I/O 2 x USB 3.2 Gen1 (Type-A), 1 x VGA, 1 x COM,
2 x RJ45, 1 x MLAN

TPM 1 x TPM header with SPI interface
Optional TPM2.0 kit: CTM010

PSU Connectors 1 x 24-pin ATX main power connector
1 x 8-pin ATX 12V power connectors

System Management ASPEED® AST2600 management controller
GIGABYTE Management Console (AMI MegaRAC SP-X)

OS Compatibility **EPYC 4004 Series:**
Ubuntu 22.04 / Ubuntu 24.04
Windows Server 2022
Ryzen 7000 Series:
Windows 10 21H2 / Windows 11

Operating Properties 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)

Retail Packaging Content 1 x MC13-LE1, 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

Bulk Packaging Content 10 x MC13-LE1, 10 x I/O shields
Carton dimensions: 609 x 581 x 362 mm
MOQ: 10 PCS MC13-LE1

Reference Numbers Retail: 9MC13LE1MR-00-3*/1*
Bulk: 9MC13LE1NR-00-3*/1*
- I/O shield: 12AIO-MC13LE-10R
- SATA cable (500mm / 2 in 1 package): 12CF1-2SAT01-31R



Learn more about GIGABYTE server at <https://www.gigacomputing.com>

* All specifications are subject to change without notice. Please visit our website for the latest information.
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