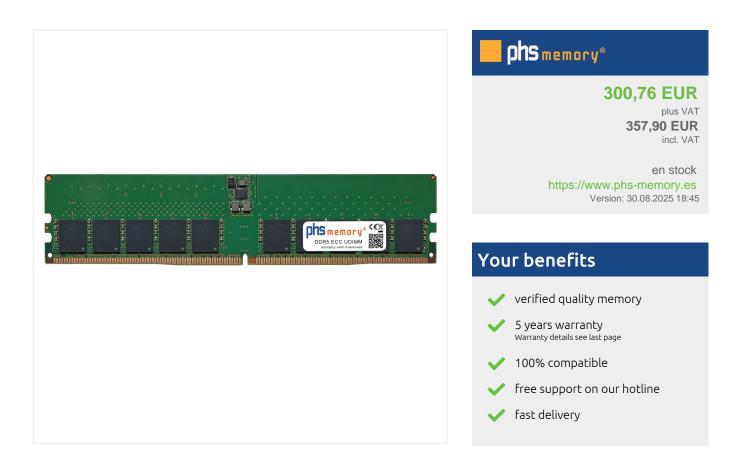
# phs memory®

## 48GB Computer memory DDR5 for Gigabyte MC13-LE0 UDIMM ECC



#### PHS-memory® - computer memory with 100% quality

- many years of IT competence
- Free support for optimal configuration and product selection
- High availability through professional warehouse management
- Fast delivery in throughout Europe
- Short response times and professional order processing due to full digitalization throughout the entire process with complete traceability
- Incoming goods inspection include checks of the DRAMs, PCBs and the programmed SPDs in order to exclude possible errors (Controlled BOM).
- PHS-memory® brand memories guarantee 100% compatibility to the specified system.
- PHS-memory® memories can be used together with existing memories in the device depends on to the configuration rules of the system.
- The "fallback option" in the SPD of PHS-memory® allows DRAMs with higher clock rates to be operated together with older memory modules with lower clock rates within the system.
- Products with unique serial number for service and warranty
- Pre-sales and after-sales support by technically trained personnel



### Memory Specification

	133.35mm	
	DDS ECC UDIM warmity veid if remove	31.25mm 30.75mm 17.60mm
← 62.90mm	- 126.65mm	

Memory size	48GB
Memory technology	DDR5
ECC support	ja
JEDEC Norm	РС5-44800-Е
Туре	UDIMM ECC (ECC unbuffered)
Number of pins	288 Pin DIMM
Memory data transfer rate	5600MHz
Voltage	1,1 Volt
Speciality	-
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	Yes
SKU	SP565727
EAN	4069169359011

#### overRAMing maximize your RAM



Most systems - including the Gigabyte MC13-LEO - can be upgraded with more memory than originally specified by the device manufacturer.

Therefore, our memory specialists continuously analyze new memory solutions in selected systems. Due to improved manufacturing technologies, new memories with higher performance and capacity will be tested for stability and functionality. Then the new memory solutions are released for the respective systems. Use the benefits of larger computer memory capacity with the PHSmemory® overRAMing memory

https://www.phs-memory.es/-BOR

solutions.

Note: The module specified in this datasheet is one of several possible configurations available under this part number.

Some details may differ from the specifications described here and the illustration, but have no negative influence on the functionality.



#### System Specifications

The memory is 100% compatible with this sytem:

System manufacturer	Gigabyte
Device type	Motherboard-memory
Device family	Mainboard M
Device series	MC13 Serie
Device name	MC13-LE0
Maximum memory*	192GB / 128GB according to manufacturer
Number of memory sockets	4

\* The specifications for the maximum memory upgrade may differ from those of the manufacturer Gigabyte. Often the information given in the manual for the maximum memory upgrade is not up to date. New memory technologies, bios updates or newer software versions often allow the use of memory modules with a higher capacity than specified by the manufacturer with the same performance and stability.

Memory modules with our overRAMing-symbol are approved by us for maximum memory expansion.

#### Information on memory allocation

#### Information on memory configuration

The following technical specifications should be considered in advance:

- Im Gerät können non ECC or ECC (Error-Correction-Code) RAM-memory installiert werden. Memory with der Description ECC besitzen eine Fehlerkorrektur.
- Non ECC memory modules cannot be used together with ECC memories.
- If a memory expansion is to be made with the already existing RAM memories, it must be checked which memory technology (non ECC / ECC) is already existing in the system.

#### Information on memory installation

- Turn off the system
- Remove the plug of the power supply unit (if connected)
- Remove the battery, according to the user manual of the system
- Always ground yourself before touching electronic components
- Protect the memory module from static voltages:
- Do not touch the gold pins of the memory module
- Only touch the sides of the memory module
- Use a grounding strap and/or ESD glove if possible

General installation instructions are supplied by E-Mail.



### Further memory options for Gigabyte MC13-LE0

8GB SP525498 DDR5 UDIMM (Non- 288 Pin D	
ECC unbuffered)	IMM PHS-memory®
16GB SP525499 DDR5 UDIMM (Non- 288 Pin D ECC unbuffered)	IMM PHS-memory®
16GB SP525496 DDR5 UDIMM ECC 288 Pin D (ECC unbuffered)	IMM PHS-memory®
24GB SP525500 DDR5 UDIMM (Non- 288 Pin D ECC unbuffered)	IMM PHS-memory®
32GB SP525501 DDR5 UDIMM (Non- 288 Pin D ECC unbuffered)	IMM PHS-memory®
32GB SP525497 DDR5 UDIMM ECC 288 Pin D (ECC unbuffered)	IMM PHS-memory®
48GB SP525502 DDR5 UDIMM (Non- 288 Pin D ECC unbuffered)	IMM PHS-memory®
48GB SP565727 DDR5 UDIMM ECC 288 Pin D (ECC unbuffered)	IMM PHS-memory®

#### PHS-memory® warranty

Every PHS-memory® is equipped with a 5-years-warranty of perfect operation. If the RAM module is defective or fails within 5 years of purchase when used properly, you will receive an appropriate RAM module free of charge. If a suitable memory module is no longer available, we will refund the purchase price.

For more information on warranty and service please visit https://www.phs-memory.es/-W5Y



## Contact Information

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All information without guarantee. Technical changes and errors excepted. You can find current price information in our online shop at https://www.phs-memory.es