

# 16GB Computer memory DDR5 for Gigabyte MZ73-LM0 RDIMM





# Your benefits ✓ verified quality memory ✓ 5 years warranty Warranty details see last page ✓ 100% compatible ✓ free support on our hotline ✓ fast delivery

### 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



Memory size	16GB		
Memory technology	DDR5		
ECC support	ja		
JEDEC Norm	PC5-38400-R		
DRAM Organization	2Gx8		
Rank	1Rx8		
Туре	RDIMM (ECC Registered)		
Number of pins	288 Pin DIMM		
Memory data transfer rate	4800MHz		
Voltage	1,1 Volt		
Speciality	-		
Operating temperature	0° C - 85° C		
Storage temperature	-40° C - +95° C		
RoHS compliant	Yes		
SKU	SP511524		
EAN	4067488756047		

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	MZ73 Serie		
Device name	MZ73-LM0		
Maximum memory*	6TB / 3TB according to manufacturer		
Number of memory sockets	24		

<sup>\*</sup> 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.

## Information on memory allocation

### Information on memory configuration

The following technical specifications should be considered in advance:

- The system supports RDIMM and RDIMM 3DS (Registered DIMM) or LRDIMM and LRDIMM 3DS (Load Reduced DIMM) memory modules. Large memory capacities can be realised with LRDIMM 3DS modules.
- RDIMM and RDIMM 3DS memory modules cannot be operated together with LRDIMM and LRDIMM 3DS main memories.
- If a memory expansion is to be made with the already existing RAM memories, it must be checked which basic memory technology (RDIMM / LRDIMM) is available.
- Memory slots without a processor may not be used.

### 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 MZ73-LM0

16GB         SP511524         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           24GB         SP511525         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           32GB         SP511526         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           48GB         SP511527         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP511529         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           96GB         SP511528         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           128GB         SP511530         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           256GB         SP511531         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
Registered)           32GB         SP511526         DDR5         RDIMM (ECC Registered)         288 Pin DIMM PHS-memory®           48GB         SP511527         DDR5         RDIMM (ECC Registered)         288 Pin DIMM PHS-memory®           64GB         SP511529         DDR5         RDIMM (ECC Registered)         288 Pin DIMM PHS-memory®           64GB         SP511528         DDR5         RDIMM (ECC Registered)         288 Pin DIMM PHS-memory®           96GB         SP511530         DDR5         RDIMM (ECC Registered)         288 Pin DIMM PHS-memory®           128GB         SP511531         DDR5         RDIMM (ECC Registered)         288 Pin DIMM PHS-memory®           256GB         SP511532         DDR5         RDIMM (ECC Registered)         288 Pin DIMM PHS-memory®	16GB	SP511524	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered)           48GB         SP511527         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP511529         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP511528         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           96GB         SP511530         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           128GB         SP511531         DDR5         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP511532         DDR5         RDIMM (ECC 288 Pin DIMM         PHS-memory®	24GB	SP511525	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered)           64GB         SP511529         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP511528         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           96GB         SP511530         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           128GB         SP511531         DDR5         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP511532         DDR5         RDIMM (ECC 288 Pin DIMM         PHS-memory®	32GB	SP511526	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered)  64GB SP511528 DDR5 RDIMM (ECC Registered)  96GB SP511530 DDR5 RDIMM (ECC Registered)  128GB SP511531 DDR5 RDIMM (ECC Registered)  PHS-memory®  RDIMM (ECC Registered)  RDIMM (ECC Registered)  PHS-memory®  RDIMM (ECC Registered) 3DS  RDIMM (ECC Registered)  RDIMM (ECC Registered)  PHS-memory®	48GB	SP511527	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered)  96GB SP511530 DDR5 RDIMM (ECC Registered)  128GB SP511531 DDR5 RDIMM (ECC Registered)  PHS-memory®  RDIMM (ECC 288 Pin DIMM PHS-memory®  REGISTER PHONE PHS-memory®  REGISTER PHONE PHS-memory®	64GB	SP511529	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered)           128GB         SP511531         DDR5         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP511532         DDR5         RDIMM (ECC 288 Pin DIMM PHS-memory®	64GB	SP511528	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered) 3DS  256GB SP511532 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory®	96GB	SP511530	DDR5	•	288 Pin DIMM	PHS-memory®	
· · · · · · · · · · · · · · · · · · ·	128GB	SP511531	DDR5	•	288 Pin DIMM	PHS-memory®	
	256GB	SP511532	DDR5	•	288 Pin DIMM	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.it/-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

### Product Datasheet | SP511524 16GB Computer memory for MZ73-LM0



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