

# 128GB Computer memory DDR4 for Gigabyte MZ72-HB0 (rev. 3.0/4.0) LRDIMM





# 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	128GB
Memory technology	DDR4
ECC support	yes
JEDEC Norm	PC4-25600-L
DRAM Organization	8Gx4
Rank	4Rx4 (4DRx4 DDP)
Туре	LRDIMM (ECC LR DIMM)
Number of pins	288 Pin DIMM
Memory data transfer rate	3200MHz @ CL22
Voltage	1,2 Volt
Speciality	DDP
Board dimensions	133,35 x 31,25 (LxB mm)
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
Storage temperature  RoHS compliant	
	-40° C - +95° C
RoHS compliant	-40° C - +95° C yes

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:

gabyte
otherboard-memory
rver-Motherboard
Z70 Serie
Z72-HB0 (геv. 3.0/4.0)
В

<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 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 MZ72-HB0 (rev. 3.0/4.0)

8GBSP502046DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®16GBSP502047DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®32GBSP502048DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP502049DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP502042DDR4LRDIMM (ECC LR DIMM)288 Pin DIMMPHS-memory®128GBSP502050DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®	e S		SKU	Technology	Туре	Number of pins	Brand	Reference no.
Registered)  32GB SP502048 DDR4 RDIMM (ECC Registered)  64GB SP502049 DDR4 RDIMM (ECC Registered)  64GB SP502042 DDR4 LRDIMM (ECC LR DIMM)  128GB SP502050 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® PH	3 S		SP502046	DDR4	•	288 Pin DIMM	PHS-memory®	
Registered)  64GB SP502049 DDR4 RDIMM (ECC Registered)  64GB SP502042 DDR4 LRDIMM (ECC LR DIMM) PHS-memory®  128GB SP502050 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory®	GB S		SP502047	DDR4	•	288 Pin DIMM	PHS-memory®	
Registered)           64GB         SP502042         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM PHS-memory®           128GB         SP502050         DDR4         RDIMM (ECC 288 Pin DIMM PHS-memory®	GB S		SP502048	DDR4	•	288 Pin DIMM	PHS-memory®	
LR DIMM)  128GB SP502050 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory®	GB S		SP502049	DDR4	•	288 Pin DIMM	PHS-memory®	
(	GB S		SP502042	DDR4	`	288 Pin DIMM	PHS-memory®	
	3GB S	3	SP502050	DDR4	•	288 Pin DIMM	PHS-memory®	
128GB SP502044 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM)	3GB S	3	SP502044	DDR4	•	288 Pin DIMM	PHS-memory®	
128GB SP502043 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM) 3DS	3GB S	3	SP502043	DDR4	•	288 Pin DIMM	PHS-memory®	
256GB SP502051 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS	SGB S	3	SP502051	DDR4	•	288 Pin DIMM	PHS-memory®	
256GB SP502045 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM) 3DS	SGB S	3	SP502045	DDR4	•	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.com/-W5Y



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#### Product Datasheet | SP502044 128GB Computer memory for MZ72-HB0 (rev. 3.0/4.0)



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