# phs memory®

### 256GB Computer memory DDR5 for Gigabyte MZ33-AR0 RDIMM 3DS

phs memory®		
<b>3.362,02 EUR</b> plus VAT <b>4.000,80 EUR</b> incl. VAT		
mpo di consegna ca. 2-4 giorni lavorativi https://www.phs-memory.it Version: 19.07.2025 15:41		
Your benefits		
verified quality memory		
S 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

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#### **Memory Specification**

Memory size	256GB	overRAMing -
Memory technology	DDR5	maximize your RA
ECC support	yes	, in the second s
JEDEC Norm	PC5-38400-R	overRAMir
DRAM Organization	3DS 4H 16Gx4	Project
Rank	8Rx4 (2S4Rx4)	
Туре	RDIMM (ECC Registered) 3DS	Most systems - including the MZ33-AR0 - can be upgrade
Number of pins	288 Pin DIMM	more memory than original
Memory data transfer rate	4800MHz	specified by the device man
Voltage	1,1 Volt	Therefore, our memory spe continuously analyze new m
Speciality	3DS	solutions in selected system improved manufacturing
Operating temperature	0° C - 85° C	technologies, new memorie higher performance and cap
Storage temperature	-40° C - +95° C	be tested for stability and functionality.
RoHS compliant	yes	Then the new memory solut released for the respective
SKU	SP511674	Use the benefits of larger co memory capacity with the P
EAN	4067488757389	memory® overRAMing mer
		solutions.

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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	Server-Motherboard
Device series	MZ33 Serie
Device name	MZ33-AR0
Maximum memory*	6TB / 3TB according to manufacturer
Number of memory sockets	24

\* 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:

- 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.

#### 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 MZ33-AR0

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
16GB	SP511667	DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
24GB	SP511668	DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
32GB	SP511669	DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
48GB	SP511670	DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
64GB	SP511671	DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
96GB	SP511672	DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
128GB	SP511673	DDR5	RDIMM (ECC Registered) 3DS	288 Pin DIMM	PHS-memory®	
256GB	SP511674	DDR5	RDIMM (ECC Registered) 3DS	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 shop at https://www.phs-memory.it