

128GB Computer memory DDR5 for Gigabyte MZ33-AR0 RDIMM 3DS







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	DDR5			
ECC support	ja			
JEDEC Norm	PC5-38400-R			
DRAM Organization	3DS 2H 8Gx4			
Rank	4Rx4 (2S2Rx4)			
Туре	RDIMM (ECC Registered) 3DS			
Number of pins	288 Pin DIMM			
Memory data transfer rate	4800MHz			
Voltage	1,1 Volt			
Speciality	3DS			
Operating temperature	0° C - 85° C			
Storage temperature	-40° C - +95° C			
RoHS compliant	Yes			
SKU	SP511673			
EAN	4067488757372			

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:

Device typeMotherboard-memoryDevice familyServer-MotherboardDevice seriesMZ33 SerieDevice nameMZ33-AR0	System manufacturer	Gigabyte		
Device series MZ33 Serie Device name MZ33-AR0	Device type	Motherboard-memory		
Device name MZ33-AR0	Device family	Server-Motherboard		
. 1.237.110	Device series	MZ33 Serie		
	Device name	MZ33-AR0		
Maximum memory* 6TB / 3TB according to manufacturer	Maximum memory*	6TB / 3TB according to manufacturer		
Number of memory sockets 24	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.

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



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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