

# 128GB Computer memory DDR4 for Gigabyte R282-Z9G LRDIMM 3DS





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#### 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	3DS 4H 8Gx4
Rank	8Rx4 (2S4Rx4)
Туре	LRDIMM (ECC LR DIMM) 3DS
Number of pins	288 Pin DIMM
Memory data transfer rate	3200MHz @ CL22
Voltage	1,2 Volt
Speciality	3DS
Board dimensions	133,35 x 31,25 (LxB mm)
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	yes
SKU	SP473387
EAN	4067488369001

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	Server
Device family	Rack Server
Device series	R282 Serie
Device name	R282-Z9G
Maximum memory*	8TB / 4TB according to manufacturer
Number of memory sockets	32

<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.

#### 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 R282-Z9G

8GBSP410505DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®16GBSP410502DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®32GBSP410503DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP410504DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP410500DDR4LRDIMM (ECC LR DIMM)288 Pin DIMMPHS-memory®	iize	SKU	Size	Technology	J	Туре	Number of pins	Brand	Reference no.
Registered)  32GB SP410503 DDR4 RDIMM (ECC Registered)  64GB SP410504 DDR4 RDIMM (ECC Registered)  CARCOLOGY REGISTER RDIMM (ECC Registered)  CARCOLOGY REGISTER RDIMM (ECC REGISTER RDIMM)  CARCOLOGY REGISTER RDIMM (ECC REGISTER RDIMM)  PHS-memory®  CARCOLOGY REGISTER RDIMM (ECC REGISTER RDIMM)	3GB	SP410505	8GB	DDR4	10505	•	288 Pin DIMM	PHS-memory®	
Registered)  64GB SP410504 DDR4 RDIMM (ECC Registered)  64GB SP410500 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM)	6GB	SP410502	16GB	DDR4	10502	•	288 Pin DIMM	PHS-memory®	
Registered)  64GB SP410500 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM)	32GB	SP410503	32GB	DDR4	10503	•	288 Pin DIMM	PHS-memory®	
LR DIMM)	i4GB	SP410504	64GB	DDR4	10504	•	288 Pin DIMM	PHS-memory®	
420CD CD440F04 DDD4 DD1444/FCC 200 Di- D1444 D1/C	i4GB	SP410500	64GB	DDR4	10500	`	288 Pin DIMM	PHS-memory®	
Registered) 3DS	28GB	SP410501	128GB	DDR4	10501	RDIMM (ECC Registered) 3DS	288 Pin DIMM	PHS-memory®	
128GB SP410499 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM)	28GB	SP410499	128GB	DDR4	10499	•	288 Pin DIMM	PHS-memory®	
128GB SP473387 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM) 3DS	28GB	SP473387	128GB	DDR4	73387	•	288 Pin DIMM	PHS-memory®	
256GB SP470935 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS	!56GB	SP470935	256GB	DDR4	70935	•	288 Pin DIMM	PHS-memory®	
256GB SP470934 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM) 3DS	!56GB	SP470934	256GB	DDR4	70934	•	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.es/-W5Y



#### Contact Information

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#### Product Datasheet | SP473387 128GB Computer memory for R282-Z9G



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