

# 8GB Computer memory DDR4 for Zotac Rack Mount GPU ZRS-2100M4 RDIMM





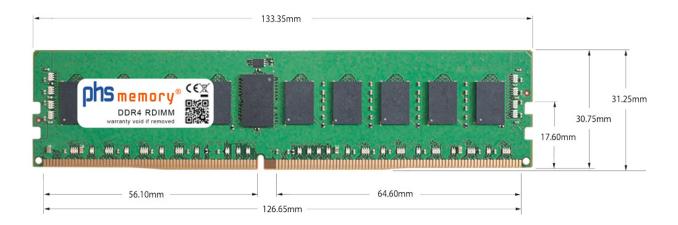


#### PHS-memory® - computer memory with 100% quality

- 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	8GB
Memory technology	DDR4
ECC support	ja
JEDEC Norm	PC4-25600-R
Туре	RDIMM (ECC Registered)
Number of pins	288 Pin DIMM
Memory data transfer rate	3200MHz @ CL22
Voltage	1,2 Volt
Speciality	-
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	SP581825
EAN	4069169537112

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	Zotac		
Device type	Server		
Device family	Rack Mount GPU		
Device series	ZRS Serie		
Device name	Rack Mount GPU ZRS-2100M4		
Maximum memory*	2TB		
Number of memory sockets	8		
Device series  Device name  Maximum memory*	ZRS Serie  Rack Mount GPU ZRS-2100M4  2TB		

<sup>\*</sup> The specifications for the maximum memory upgrade may differ from those of the manufacturer Zotac. 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.
- When using a multiprocessor system, the memory slots should always be configured identically for each CPU.
- 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 Zotac Rack Mount GPU ZRS-2100M4

8GB         SP581825         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           16GB         SP581826         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           32GB         SP581827         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP581828         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP581821         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP581829         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP581823         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP581822         DDR4         LRDIMM (ECC LR DIMM) (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP581830         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
Registered)           32GB         SP581827         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP581828         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP581821         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP581829         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP581823         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP581822         DDR4         LRDIMM (ECC LR DIMM) (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP581830         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP581824         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	8GB	SP581825	DDR4	,	288 Pin DIMM	PHS-memory®	
Registered)           64GB         SP581828         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP581821         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP581829         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP581823         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP581822         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP581830         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP581824         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	16GB	SP581826	DDR4	•	288 Pin DIMM	PHS-memory®	
Registered)           64GB         SP581821         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP581829         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP581823         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP581822         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP581830         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP581824         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	32GB	SP581827	DDR4	•	288 Pin DIMM	PHS-memory®	
LR DIMM)         128GB       SP581829       DDR4       RDIMM (ECC Registered) 3DS       288 Pin DIMM       PHS-memory®         128GB       SP581823       DDR4       LRDIMM (ECC LR DIMM)       288 Pin DIMM       PHS-memory®         128GB       SP581822       DDR4       LRDIMM (ECC LR DIMM) 3DS       288 Pin DIMM       PHS-memory®         256GB       SP581830       DDR4       RDIMM (ECC Registered) 3DS       288 Pin DIMM       PHS-memory®         256GB       SP581824       DDR4       LRDIMM (ECC 288 Pin DIMM       PHS-memory®	64GB	SP581828	DDR4	•	288 Pin DIMM	PHS-memory®	
Registered) 3DS           128GB         SP581823         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP581822         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP581830         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP581824         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	64GB	SP581821	DDR4	•	288 Pin DIMM	PHS-memory®	
LR DIMM)         LR DIMM)           128GB         SP581822         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP581830         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP581824         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	128GB	SP581829	DDR4	•	288 Pin DIMM	PHS-memory®	
LR DIMM) 3DS           256GB         SP581830         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP581824         DDR4         LRDIMM (ECC 288 Pin DIMM PHS-memory®	128GB	SP581823	DDR4	•	288 Pin DIMM	PHS-memory®	
Registered) 3DS  256GB SP581824 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory®	128GB	SP581822	DDR4	•	288 Pin DIMM	PHS-memory®	
· · · · · · · · · · · · · · · · · · ·	256GB	SP581830	DDR4	•	288 Pin DIMM	PHS-memory®	
LR DIMM) 3DS	256GB	SP581824	DDR4	LRDIMM (ECC LR DIMM) 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.es/-W5Y



### Contact Information

PHS-electronic gmbh - www.phs-memory.es -Karl-Götz-Str. 5 97424 Schweinfurt Alemania Phone: +49 9721 784678 E-Mail: info@phs-memory.es Web: www.phs-memory.es

#### Product Datasheet | SP581825 8GB Computer memory for Rack Mount GPU ZRS-2100M4



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