

32GB Computer memory DDR4 for Dell PowerEdge R830 RDIMM





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	32GB			
Memory technology	DDR4			
ECC support	yes			
JEDEC Norm	PC4-2400T-R			
DRAM Organization	2Gx4			
Rank	2Rx4			
Туре	RDIMM (ECC Registered)			
Number of pins	288 Pin DIMM			
Memory data transfer rate	2400MHz @ CL17			
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	SP392174			
EAN	4064578552619			

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	Dell
Device type	Server
Device family	PowerEdge
Device series	R800 Serie
Device name	PowerEdge R830
Maximum memory*	12TB / 3TB according to manufacturer
Number of memory sockets	48

^{*}The specifications for the maximum memory upgrade may differ from those of the manufacturer Dell. 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.
- Memory slots without a processor may not be used.
- A higher memory clock of the memory module automatically adapts to the memory clock specified by the system. This can be the case especially with larger capacities.

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 Dell PowerEdge R830

LR DIMM) 4G, A9781930 A8711890, SNP29GM8C/6	Size	SKU	KU Technology	Туре	Number of pins	Brand	Reference no.
Registered) 32GB SP392174 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP472700 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP392171 DDR4 LRDIMM (ECC LR DIMM) 288 Pin DIMM PHS-memory® SNP4JMGMC/4G, A9781930 A8711890, SNP29GM8C/6G	8GB	SP392175	P392175 DDR4	•	288 Pin DIMM	PHS-memory®	
Registered) 64GB SP472700 DDR4 RDIMM (ECC Registered) 64GB SP392171 DDR4 LRDIMM (ECC LR DIMM) PHS-memory® SNP4JMGMC/4G, A9781930 A8711890, SNP29GM8C/6 G	16GB	SP392172	P392172 DDR4	•	288 Pin DIMM	PHS-memory®	
Registered) 64GB SP392171 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® SNP4JMGMC/ LR DIMM) 4G, A9781930 A8711890, SNP29GM8C/6 G	32GB	SP392174	P392174 DDR4	•	288 Pin DIMM	PHS-memory®	
LR DIMM) 4G, A9781930 A8711890, SNP29GM8C/6	64GB	SP472700	P472700 DDR4	•	288 Pin DIMM	PHS-memory®	
64CB SP470729 DDR4 RDIMM (FCC 288 Pin DIMM PHS-mamory)®	64GB	SP392171	P392171 DDR4		288 Pin DIMM	PHS-memory®	SNP29GM8C/64
Registered) 3DS	64GB	SP470729	P470729 DDR4	RDIMM (ECC Registered) 3DS	288 Pin DIMM	PHS-memory®	
128GB SP472698 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM)	128GB	SP472698	P472698 DDR4	,	288 Pin DIMM	PHS-memory®	
128GB SP470731 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS	128GB	SP470731	P470731 DDR4	•	288 Pin DIMM	PHS-memory®	
128GB SP470728 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM) 3DS	128GB	SP470728	P470728 DDR4	•	288 Pin DIMM	PHS-memory®	
256GB SP472701 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS	256GB	SP472701	P472701 DDR4	•	288 Pin DIMM	PHS-memory®	
256GB SP472699 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM) 3DS	256GB	SP472699	P472699 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.es/-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.es