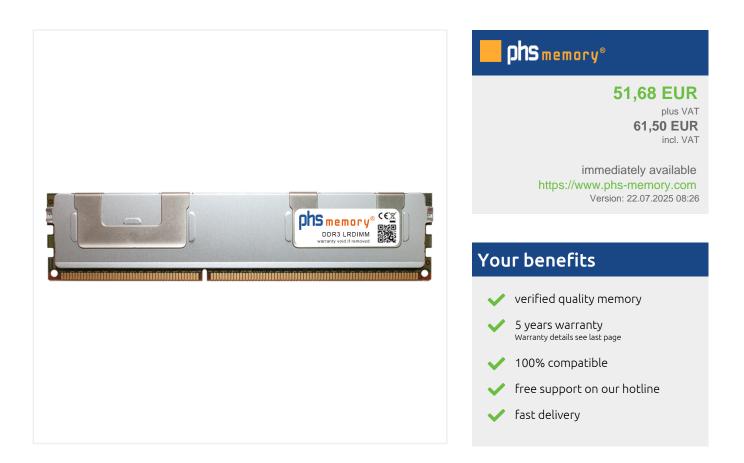
phs memory®

32GB Computer memory DDR3 for Supermicro SuperServer 1027R-WC1RT LRDIMM



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 technologyDDR3ECC supportjaJEDEC NormPC3L-12800LDRAM Organization2Gx4Rank4Rx4 (4DRx4 DDP)TypeLRDIMM (ECC LR DIMM)
JEDEC NormPC3L-12800LDRAM Organization2Gx4Rank4Rx4 (4DRx4 DDP)TypeLRDIMM (ECC LR DIMM)
DRAM Organization2Gx4Rank4Rx4 (4DRx4 DDP)TypeLRDIMM (ECC LR DIMM)
Rank4Rx4 (4DRx4 DDP)TypeLRDIMM (ECC LR DIMM)
Type LRDIMM (ECC LR DIMM)
Number of pins240 Pin DIMM
Memory data transfer rate 1600MHz @ CL11
Voltage 1,35 Volt
Speciality DDP
Board dimensions 133,35 x 30 (LxB mm)
Operating temperature 0° C - 85° C
Storage temperature -40° C - +95° C
RoHS compliant Yes
SKU SP261855
EAN 4063369302778

overRAMing maximize your RAM



Most systems - including the Supermicro SuperServer 1027R-WC1RT - can be upgraded with more memory than originally specified by the device manufacturer.

Therefore, our memory specialists continuously analyze new memory solutions in selected systems. Due to improved manufacturing technologies, new memories with higher performance and capacity will be tested for stability and functionality.

Then the new memory solutions are released for the respective systems. Use the benefits of larger computer memory capacity with the PHSmemory® overRAMing memory solutions.

https://www.phs-memory.com/-BOR

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	Supermicro
Device type	Server
Device family	SuperServer
Device series	1027 Serie
Device name	SuperServer 1027R-WC1RT
Maximum memory*	512GB ECC / 128GB according to manufacturer
Number of memory sockets	16
Annotation	ECC DIMM, Registered DIMM and Load Reduced LRDIMM memory modules must not be mixed. Je Prozessor können 8 Computer memory installiert werden.

* The specifications for the maximum memory upgrade may differ from those of the manufacturer Supermicro. 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

Which memory configuration is possible?

Our memory team will be happy to help you choose the right memory and configure your server.

Technologie	RAM in maximaler capacity		
UDIMM ECC	128GB RAM 2 x (8 x 8GB ECC UDIMM)		
RDIMM 2Rank	256GB RAM 2 x (8 x 16GB RDIMM)		
RDIMM 4Rank	512GB RAM 2 x (8 x 32GB RDIMM)		
LRDIMM	1TB RAM 2 x (8 x 64GB LRDIMM)		

ECC DIMM, Registered DIMM and Load Reduced LRDIMM memory modules must not be mixed. Bei einer Aufrüstung sollten Sie deshalb wissen, welche memory bereits vorhanden sind, or komplett auf RDIMMcomputer memory upgrade.

Principles of memory assembly

- Pro CPU sind 4 memorykanäle vorhanden with jeweils 2 memoryslots
- ECC DIMM, Registered DIMM and Load Reduced LRDIMM memory modules must not be mixed
- memorysteckplätze for die kein Prozessor vorhanden ist dürfen nicht bestückt werden

Memory configuration for good system performance

- Wenn mehr als eine CPU vorhanden sind, sollten die memory pro CPU identisch (gespiegelt zur anderen CPU) bestückt



werden.

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 Supermicro SuperServer 1027R-WC1RT

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
4GB	SP261852	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
8GB	SP261859	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
8GB	SP261853	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
16GB	SP261856	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
32GB	SP261857	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
32GB	SP261855	DDR3	LRDIMM (ECC LR DIMM)	240 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.com/-W5Y



Contact Information

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

All information without guarantee. Technical changes and errors excepted. You can find current price information in our online shop at https://www.phs-memory.com