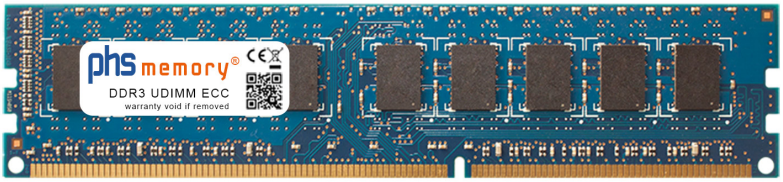
4GB Computer memory DDR3 for Supermicro SuperServer F627R2-RTB+ UDIMM ECC



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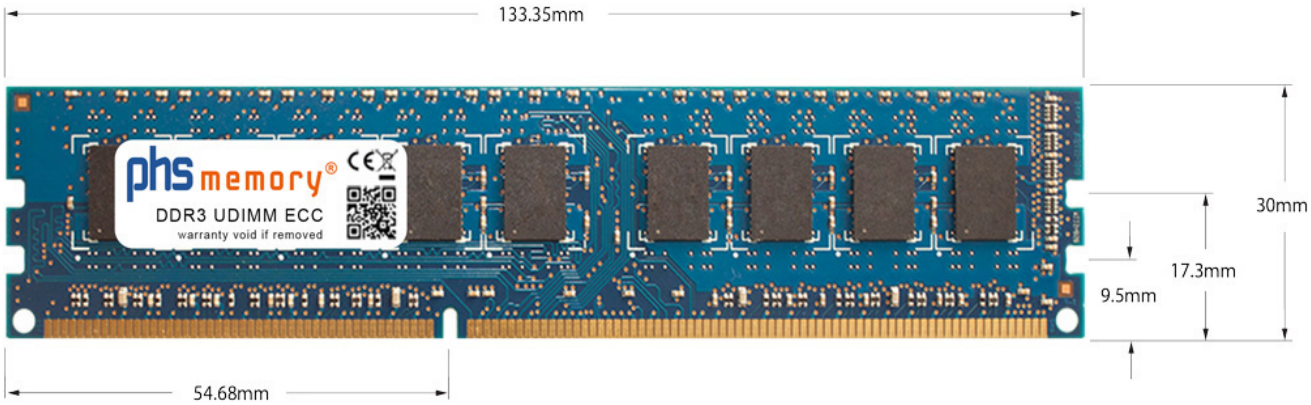
Memory Specification



Memory size	4GB
Memory technology	DDR3
ECC support	ja
JEDEC Norm	PC3-12800E
Type	UDIMM ECC (ECC unbuffered)
Number of pins	240 Pin DIMM
Memory data transfer rate	1600MHz @ CL11
Speciality	-
Board dimensions	133,35 x 30 (LxB mm)
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	Yes
SKU	SP267450
EAN	4063369362901

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.

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System Specifications

The memory is 100% compatible with this sytem:

System manufacturer	Supermicro
Device type	Server
Device family	SuperServer
Device series	F627 Serie
Device name	SuperServer F627R2-RTB+
Maximum memory*	512GB
Number of memory sockets	16

* 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.

Information on memory allocation

Information on memory configuration

The following technical specifications should be considered in advance:

- The device supports ECC DIMM (with error correction code) or RDIMM (Registered DIMM) RAM memories. RDIMM memories are recommended when large memory capacities are to be achieved.
- The different memory technologies (ECC / RDIMM) may not be mixed.
- If a memory expansion is to be made with the already existing RAM memories, it must be checked which memory technology (ECC/ RDIMM) is already installed in the system.
- 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.
- When using 4Rank (4Rx..) RDIMM memories, only 2 of 3 memory slots can be used per memory channel.

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.

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Further memory options for Supermicro SuperServer F627R2-RTB+

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
4GB	SP267450	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
8GB	SP267456	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
8GB	SP267451	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
16GB	SP267453	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
32GB	SP267454	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
32GB	SP267452	DDR3	LRDIMM (ECC LR DIMM)	240 Pin DIMM	PHS-memory®	

PHS-memory® warranty

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For more information on warranty and service please visit https://www.phs-memory.com/-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.com

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