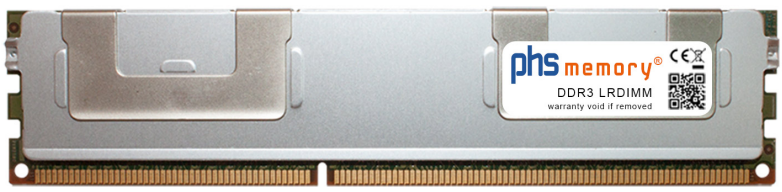
32GB Computer memory DDR3 for Supermicro X9DBL-iF LRDIMM



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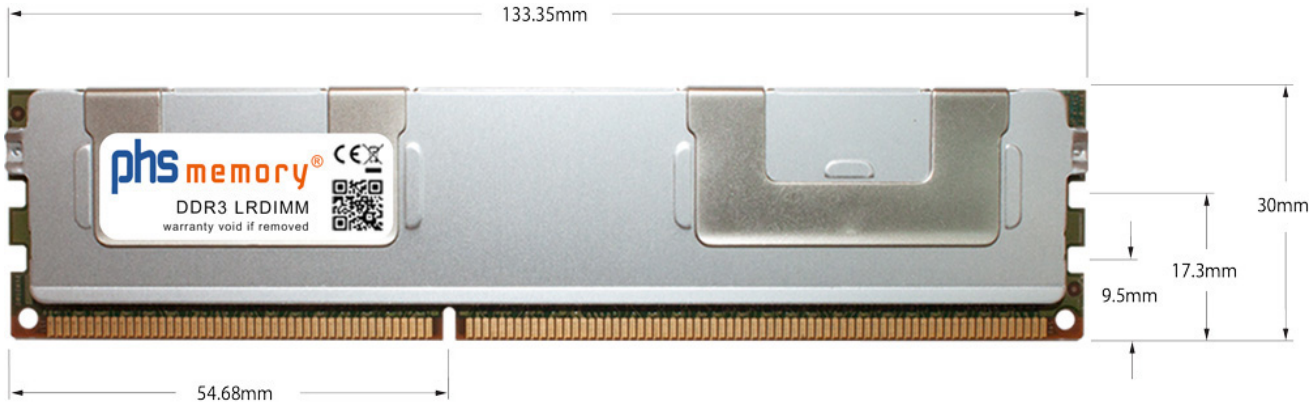
Memory Specification



Memory size	32GB
Memory technology	DDR3
ECC support	ja
JEDEC Norm	PC3L-10600L
DRAM Organization	2Gx4
Rank	4Rx4 (4DRx4 DDP)
Type	LRDIMM (ECC LR DIMM)
Number of pins	240 Pin DIMM
Memory data transfer rate	1333MHz @ CL9
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	SP260450
EAN	4063369289109

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-Mainboard
Device family	Mainboard X...
Device series	X9D Serie
Device name	X9DBL-iF
Maximum memory*	192GB
Number of memory sockets	6

* 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:

- In the device, you can install RDIMM (Registered DIMM) or LRDIMM (Load Reduced DIMM) RAM memory modules. LRDIMM memory is recommended when aiming for large memory capacities.
- RDIMM memory modules cannot be used together with LRDIMM memories.
- If a memory expansion is to be used with existing RAM memories, it must be checked which memory technology (RDIMM / LRDIMM) is already installed in the device.
- 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.

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Further memory options for Supermicro X9DBL-iF

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
4GB	SP260449	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
8GB	SP467418	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
8GB	SP260455	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
16GB	SP260452	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
32GB	SP260453	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
32GB	SP260450	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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