

16GB Computer memory DDR3 for Supermicro X8DAi 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
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- 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	16GB		
Memory technology	DDR3		
ECC support	yes		
JEDEC Norm	PC3-10600R		
DRAM Organization	1Gx4		
Rank	2Rx4		
Туре	RDIMM (ECC Registered)		
Number of pins	240 Pin DIMM		
Memory data transfer rate	1333MHz @ CL9		
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	SP148312		
EAN	4055069013078		

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-Mainboard			
Device family	Mainboard X			
Device series	X8D Serie			
Device name	X8DAi			
Maximum memory*	384GB / 192GB according to manufacturer			
Number of memory sockets	12			
Annotation	Don't mix ECC UDIMM and RDIMM server memory in one system. Both technologies can be used and extended without any problems alone.			

^{*}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 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 X8DAi

4GBSP102186DDR3UDIMM ECC (ECC unbuffered)240 Pin DIMMPHS-memory®8GBSP102188DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®8GBSP462798DDR3UDIMM ECC (ECC unbuffered)240 Pin DIMMPHS-memory®16GBSP148312DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®8GBSP148317DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®32GBSP148313DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®16GBSP148318DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®32GBSP148319DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®32GBSP148319DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
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Registered) 32GB SP148319 DDR3 RDIMM (ECC 240 Pin DIMM PHS-memory®	32GB	SP148313	DDR3	•	240 Pin DIMM	PHS-memory®	
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	32GB	SP148319	DDR3	•	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.





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.com

Product Datasheet | SP148312 16GB Computer memory for X8DAi

