

# 8GB Computer memory DDR3 for Supermicro X8DAE UDIMM ECC





# Your benefits ✓ 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	8GB		
Memory technology	DDR3		
ECC support	yes		
JEDEC Norm	PC3-10600E		
DRAM Organization	512Mx8		
Rank	2Rx8		
Туре	UDIMM ECC (ECC unbuffered)		
Number of pins	240 Pin DIMM		
Memory data transfer rate	1333MHz @ CL9		
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	SP148008		
EAN	4055069224443		

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	X8DAE		
Maximum memory*	384GB		
Number of memory sockets	12		
Annotation	You can use ECC UDIMM or RDIMM, but not mixed in the server. 48GB maximum with UDIMM (6 x 8GB) 384GB maximum with RDIMM (12 x 32GB). Optimal performance: Distribute the memories evenly across the memory slots and CPUs. We are happy to advise you!		

<sup>\*</sup>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 X8DAE

4GBSP148009DDR3UDIMM ECC (ECC unbuffered)240 Pin DIMMPHS-memory®8GBSP148008DDR3UDIMM ECC (ECC unbuffered)240 Pin DIMMPHS-memory®8GBSP148004DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®16GBSP148006DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®8GBSP148005DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®32GBSP148314DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®16GBSP148007DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®32GBSP148315DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®32GBSP148315DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
(ECC unbuffered)         8GB       SP148004       DDR3       RDIMM (ECC Registered)       240 Pin DIMM       PHS-memory®         16GB       SP148006       DDR3       RDIMM (ECC Registered)       240 Pin DIMM       PHS-memory®         8GB       SP148005       DDR3       RDIMM (ECC Registered)       240 Pin DIMM       PHS-memory®         32GB       SP148314       DDR3       RDIMM (ECC Registered)       240 Pin DIMM       PHS-memory®         16GB       SP148007       DDR3       RDIMM (ECC Registered)       240 Pin DIMM       PHS-memory®         32GB       SP148315       DDR3       RDIMM (ECC Registered)       240 Pin DIMM       PHS-memory®	4GB	SP148009	DDR3	(ECC	240 Pin DIMM	PHS-memory®	
Registered)  16GB SP148006 DDR3 RDIMM (ECC Registered)  8GB SP148005 DDR3 RDIMM (ECC Registered)  32GB SP148314 DDR3 RDIMM (ECC Registered)  16GB SP148007 DDR3 RDIMM (ECC Registered)  RDIMM (ECC Registered)  RDIMM (ECC Registered)  PHS-memory® RDIMM (ECC Registered)  240 Pin DIMM PHS-memory® PHS-memory® Registered)  240 Pin DIMM PHS-memory® RDIMM (ECC Registered)	8GB	SP148008	DDR3	(ECC	240 Pin DIMM	PHS-memory®	
Registered)  Registered)  ROIMM (ECC Registered)	8GB	SP148004	DDR3	•	240 Pin DIMM	PHS-memory®	
Registered)  Registered)  RDIMM (ECC Registered)	16GB	SP148006	DDR3	•	240 Pin DIMM	PHS-memory®	
Registered)  16GB SP148007 DDR3 RDIMM (ECC 240 Pin DIMM PHS-memory® Registered)  32GB SP148315 DDR3 RDIMM (ECC 240 Pin DIMM PHS-memory®	8GB	SP148005	DDR3	•	240 Pin DIMM	PHS-memory®	
Registered)  32GB SP148315 DDR3 RDIMM (ECC 240 Pin DIMM PHS-memory®	32GB	SP148314	DDR3	•	240 Pin DIMM	PHS-memory®	
·	16GB	SP148007	DDR3	•	240 Pin DIMM	PHS-memory®	
	32GB	SP148315	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.

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

#### Product Datasheet | SP148008 8GB Computer memory for X8DAE

