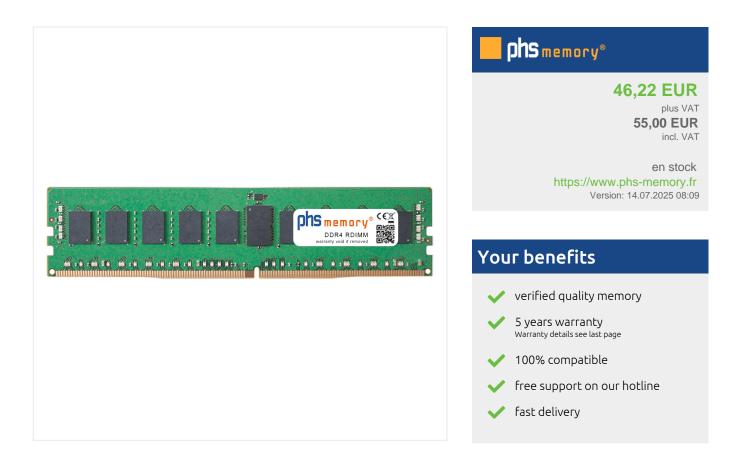


# 16GB Computer memory DDR4 for Supermicro X10DRD-iTP RDIMM



## 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

▪ 133.35mm	
	31.25mm 30.75mm 17.60mm
	64.60mm

Memory size	16GB
Memory technology	DDR4
ECC support	yes
JEDEC Norm	PC4-2400T-R
Туре	RDIMM (ECC Registered)
Number of pins	288 Pin DIMM
Memory data transfer rate	2400MHz @ CL17
Voltage	1,2 Volt
Speciality	-
Board dimensions	133,35 x 31,25 (LxB mm)
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	yes
SKU	SP160885
EAN	4055069321371

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	X10 Serie
Device name	X10DRD-iTP
Maximum memory*	1TB
Number of memory sockets	8

\* 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 system supports RDIMM and RDIMM 3DS (Registered DIMM) or LRDIMM and LRDIMM 3DS (Load Reduced DIMM) memory modules. Large memory capacities can be realised with LRDIMM 3DS modules.
- RDIMM and RDIMM 3DS memory modules cannot be operated together with LRDIMM and LRDIMM 3DS main memories.
- If a memory expansion is to be made with the already existing RAM memories, it must be checked which basic memory technology (RDIMM / LRDIMM) is available.
- 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.



# Further memory options for Supermicro X10DRD-iTP

8GBSP160887DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®16GBSP160885DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®32GBSP160886DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP464249DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP471836DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP160884DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP160884DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®128GBSP471832DDR4RDIMM (ECC RDIMM (ECC R DIMM)288 Pin DIMMPHS-memory®	e no.	Reference no	Brand	Number of pins	Туре	Technology	SKU	Size
Registered)32GBSP160886DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP464249DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP471836DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP471836DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP160884DDR4LRDIMM (ECC LR DIMM)288 Pin DIMMPHS-memory®			PHS-memory®	288 Pin DIMM	•	DDR4	SP160887	8GB
Registered)64GBSP464249DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP471836DDR4RDIMM (ECC Registered) 3DS288 Pin DIMMPHS-memory®64GBSP160884DDR4LRDIMM (ECC LR DIMM)288 Pin DIMMPHS-memory®			PHS-memory®	288 Pin DIMM	•	DDR4	SP160885	16GB
64GBSP471836DDR4RDIMM (ECC Registered) 3DS288 Pin DIMMPHS-memory®64GBSP160884DDR4LRDIMM (ECC LR DIMM)288 Pin DIMMPHS-memory®			PHS-memory®	288 Pin DIMM	•	DDR4	SP160886	32GB
Registered) 3DS 64GB SP160884 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM)			PHS-memory®	288 Pin DIMM	``	DDR4	SP464249	64GB
LR DIMM)			PHS-memory®	288 Pin DIMM	•	DDR4	SP471836	64GB
128GB SP471832 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory®			PHS-memory®	288 Pin DIMM		DDR4	SP160884	64GB
Registered) 3DS			PHS-memory®	288 Pin DIMM	•	DDR4	SP471832	128GB
128GB SP471831 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM) 3DS			PHS-memory®	288 Pin DIMM	•	DDR4	SP471831	128GB
128GB SP160882 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM)			PHS-memory®	288 Pin DIMM	•	DDR4	SP160882	128GB

#### 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.fr/-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



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