

# 64GB Computer memory DDR4 for Supermicro X10DRC-T4+ RDIMM





# 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	64GB		
Memory technology	DDR4		
ECC support	yes		
JEDEC Norm	PC4-2400T-R		
DRAM Organization	4Gx4		
Rank	2Rx4		
Туре	RDIMM (ECC Registered)		
Number of pins 288 Pin DIMM			
Memory data transfer rate	2400MHz @ CL17		
Voltage	1,2 Volt		
Speciality	-, DDP		
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	SP464282		
EAN	4067488277979		

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	X10DRC-T4+	
Maximum memory*	ЗТВ	
Number of memory sockets	24	

<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 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

## Product Datasheet | SP464282 64GB Computer memory for X10DRC-T4+



General installation instructions are supplied by E-Mail.



#### Further memory options for Supermicro X10DRC-T4+

8GB         SP161100         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           16GB         SP161098         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           32GB         SP161099         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP471933         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP161097         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           64GB         SP464282         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           128GB         SP471934         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           128GB         SP471932         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP161095         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
Registered)           32GB         SP161099         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP471933         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           64GB         SP161097         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           64GB         SP464282         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           128GB         SP471934         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           128GB         SP471932         DDR4         LRDIMM (ECC LR DIMM) (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP161095         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	8GB	SP161100	DDR4	·	288 Pin DIMM	PHS-memory®	
Registered)           64GB         SP471933         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           64GB         SP161097         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           64GB         SP464282         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           128GB         SP471934         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP471932         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP161095         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	16GB	SP161098	DDR4	•	288 Pin DIMM	PHS-memory®	
Registered) 3DS           64GB         SP161097         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           64GB         SP464282         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           128GB         SP471934         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP471932         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP161095         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	32GB	SP161099	DDR4	`	288 Pin DIMM	PHS-memory®	
LR DIMM)  64GB SP464282 DDR4 RDIMM (ECC Registered)  128GB SP471934 DDR4 RDIMM (ECC Registered) 3DS  128GB SP471932 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory®  128GB SP161095 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory®  128GB SP161095 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory®	64GB	SP471933	DDR4	•	288 Pin DIMM	PHS-memory®	
Registered)           128GB         SP471934         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP471932         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP161095         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	64GB	SP161097	DDR4	•	288 Pin DIMM	PHS-memory®	
Registered) 3DS  128GB SP471932 DDR4 LRDIMM (ECC LR DIMM) 3DS  128GB SP161095 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory®	64GB	SP464282	DDR4	•	288 Pin DIMM	PHS-memory®	
LR DIMM) 3DS  128GB SP161095 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory®	128GB	SP471934	DDR4	•	288 Pin DIMM	PHS-memory®	
·	128GB	SP471932	DDR4		288 Pin DIMM	PHS-memory®	
	128GB	SP161095	DDR4	•	288 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.it/-W5Y



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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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