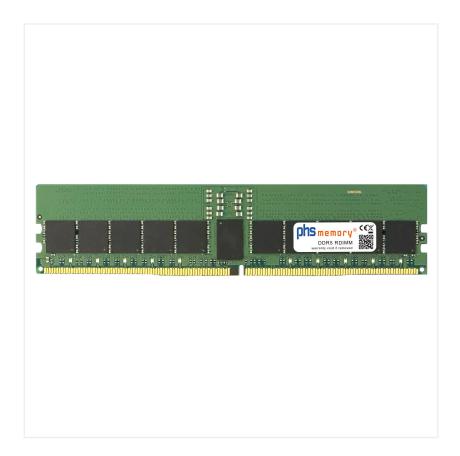


24GB Computer memory DDR5 for Supermicro X13DEI-T RDIMM





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).
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- 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	24GB
Memory technology	DDR5
ECC support	yes
JEDEC Norm	PC5-38400-R
DRAM Organization	3Gx8
Rank	1Rx8
Туре	RDIMM (ECC Registered)
Number of pins	288 Pin DIMM
Memory data transfer rate	4800MHz
Voltage	1,1 Volt
Speciality	-
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	yes
SKU	SP488658
EAN	4067488525063

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	X13 Serie
Device name	X13DEI-T
Maximum memory*	4TB
Number of memory sockets	16

^{*}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 X13DEI-T

Registered) ER48 24GB SP488658 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® MEM-DR532M ER48 32GB SP459686 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® MEM-DR532M ER48 32GB SP459685 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® MEM-DR532M ER48 48GB SP488659 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® MEM-DR564M 64GB SP459687 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory® MEM-DR564M	Size	SKU	Size	Technology	(U Techno	Туре	Number of pins	Brand	Reference no.
Registered) 32GB SP459686 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® ER48 MEM-DR532M ER48 32GB SP459685 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® MEM-DR532M ER48 48GB SP488659 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® MEM-DR564M 64GB SP459687 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory® MEM-DR564M	16GB	SP459684	16GB	DDR5	459684 DDR5	•	288 Pin DIMM	PHS-memory®	MEM-DR516MB- ER48
Registered) ER48 32GB SP459685 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® ER48 48GB SP488659 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP459687 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory® MEM-DR564M	24GB	SP488658	24GB	DDR5	2488658 DDR5	•	288 Pin DIMM	PHS-memory®	
Registered) ER48 48GB SP488659 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP459687 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory® MEM-DR564M	32GB	SP459686	32GB	DDR5	459686 DDR5	•	288 Pin DIMM	PHS-memory®	MEM-DR532MA- ER48
Registered) 64GB SP459687 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory® MEM-DR564M	32GB	SP459685	32GB	DDR5	2459685 DDR5	•	288 Pin DIMM	PHS-memory®	MEM-DR532MD- ER48
·	48GB	SP488659	48GB	DDR5	2488659 DDR5	•	288 Pin DIMM	PHS-memory®	
(Negocica)	64GB	SP459687	64GB	DDR5	2459687 DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	MEM-DR564MC- ER48
96GB SP488660 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered)	96GB	SP488660	96GB	DDR5	2488660 DDR5	•	288 Pin DIMM	PHS-memory®	
128GB SP459688 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS	128GB	SP459688	128GB	DDR5	2459688 DDR5	`	288 Pin DIMM	PHS-memory®	
256GB SP459689 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS	256GB	SP459689	256GB	DDR5	459689 DDR5		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



Contact Information

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Phone: +49 9721 784678 E-Mail: info@phs-memory.it Web: www.phs-memory.it

All information without guarantee. Technical changes and errors excepted. You can find current price information in our online

Product Datasheet | SP488658 24GB Computer memory for X13DEI-T



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