

# 32GB Computer memory DDR5 for Supermicro X13DEI-T 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



Memory size	32GB
Memory technology	DDR5
ECC support	ja
JEDEC Norm	PC5-38400R
DRAM Organization	4Gx4
Rank	1Rx4
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	SP459686
EAN	4067488232497

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

<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 X13DEI-T

16GB         SP459684         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®         MEM-DR516 ER48           24GB         SP488658         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®         MEM-DR532 Registered)           32GB         SP459686         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®         MEM-DR532 Registered)           32GB         SP459685         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®         MEM-DR532 Registered)           48GB         SP488659         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®
Registered)           32GB         SP459686         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®         MEM-DR532 ER48           32GB         SP459685         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®         MEM-DR532 ER48           48GB         SP488659         DDR5         RDIMM (ECC 288 Pin DIMM PHS-memory®
Registered)         ER48           32GB         SP459685         DDR5         RDIMM (ECC Registered)         288 Pin DIMM PHS-memory®         MEM-DR532 PH           48GB         SP488659         DDR5         RDIMM (ECC 288 Pin DIMM PHS-memory®         PHS-memory®
Registered)         ER48           48GB         SP488659         DDR5         RDIMM (ECC         288 Pin DIMM         PHS-memory®
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Registered)
64GB SP459687 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory® MEM-DR564 Registered) ER48
96GB SP488660 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered)
128GB SP459688 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS
256GB SP459689 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS

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

# Product Datasheet | SP459686 32GB Computer memory for X13DEI-T



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