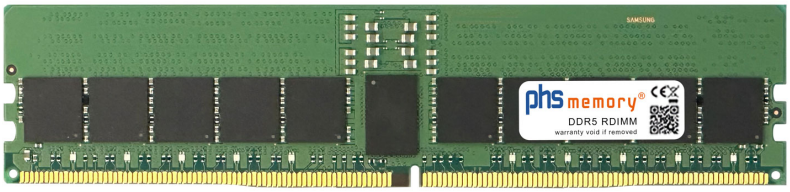
24GB Computer memory DDR5 for Supermicro X13DET-B RDIMM



Preis auf Anfrage

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Version: 13.07.2025 21:24

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.
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- 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

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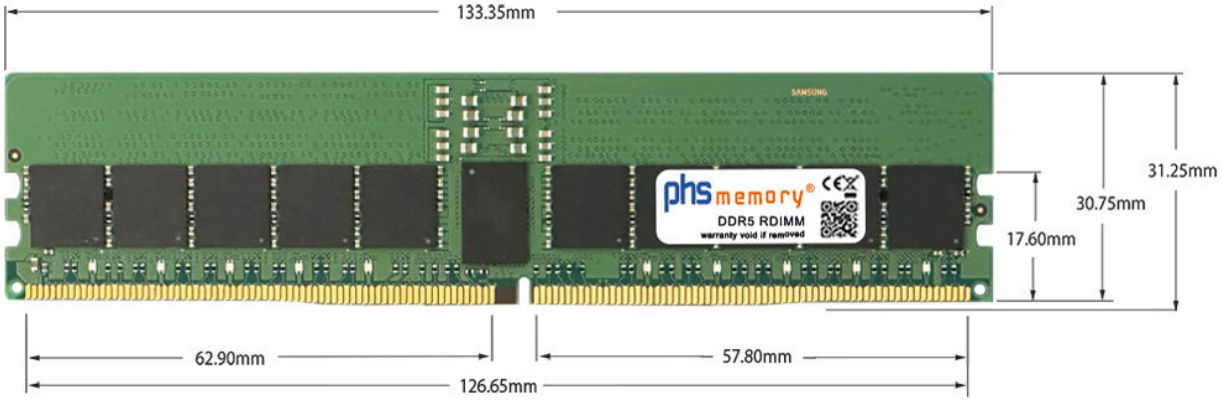
Memory Specification



Memory size	24GB
Memory technology	DDR5
ECC support	yes
JEDEC Norm	PC5-38400-R
DRAM Organization	3Gx8
Rank	1Rx8
Type	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	SP488653
EAN	4067488524813

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.

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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	X13DET-B
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.

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Further memory options for Supermicro X13DET-B

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
16GB	SP459672	DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	MEM-DR516MB-ER48
24GB	SP488653	DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
32GB	SP459674	DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	MEM-DR532MA-ER48
32GB	SP459673	DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	MEM-DR532MD-ER48
48GB	SP488654	DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
64GB	SP459675	DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	MEM-DR564MC-ER48
96GB	SP478664	DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	MEM-DR596L-HL01-ER48
128GB	SP459676	DDR5	RDIMM (ECC Registered) 3DS	288 Pin DIMM	PHS-memory®	MEM-DR512MH-ER48
256GB	SP459677	DDR5	RDIMM (ECC Registered) 3DS	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.es/-W5Y

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