

# 32GB Computer memory DDR4 for Supermicro H12DST-B RDIMM





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	32GB	
Memory technology	DDR4	
ECC support	ja	
JEDEC Norm	PC4-25600R	
Туре	RDIMM (ECC Registered)	
Number of pins	288 Pin DIMM	
Memory data transfer rate	3200MHz @ CL22	
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	SP414846	
EAN	4064578778675	

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 H	
Device series	H12D Serie	
Device name	H12DST-B	
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.

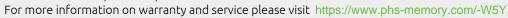


#### Further memory options for Supermicro H12DST-B

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
8GB	SP471740	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	MEM-DR480LB- ER32
16GB	SP358117	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	MEM-DR416LD- ER32
32GB	SP414846	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	MEM-DR432LC- ER32/MEM- DR432MD-ER32
64GB	SP358119	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	MEM-DR464MC- ER32
128GB	SP414845	DDR4	RDIMM (ECC Registered) 3DS	288 Pin DIMM	PHS-memory®	MEM-DR412MH- ER32
256GB	SP469170	DDR4	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.





#### Contact Information

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All information without guarantee. Technical changes and errors excepted. You can find current price information in our online shop at https://www.phs-memory.com