

128GB Computer memory DDR4 for Supermicro H12SSW-iN RDIMM 3DS

	ρhs memory [®]				
	1.092,77 EUR plus VAT 1.300,40 EUR incl. VAT				
	immediately available https://www.phs-memory.com Version: 31.07.2025 13:44				
	verified quality memory				
	Fundamental				
	5 years warranty Warranty details see last page				
	 S years warranty warranty details see last page 100% compatible 				
	Warranty details see last page				

PHS-memory® - computer memory with 100% quality

- many years of IT competence
- Free support for optimal configuration and product selection
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- 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



Memory Specification



Memory size	128GB
Memory technology	DDR4
ECC support	ја
JEDEC Norm	PC4-25600R
DRAM Organization	3DS 2H 8Gx4
Rank	4Rx4 (2S2Rx4)
Туре	RDIMM (ECC Registered) 3DS
Number of pins	288 Pin DIMM
Memory data transfer rate	3200MHz @ CL22
Voltage	1,2 Volt
Speciality	3DS
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	SP415043
EAN	4064578780982

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	H12 Serie
Device name	H12SSW-iN
Maximum memory*	1TB
Number of memory sockets	8

* 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 H12SSW-iN

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
16GB	SP342983	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	MEM-DR416LD- ER32
32GB	SP342984	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	MEM-DR432MD- ER32
64GB	SP342985	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	MEM-DR464MC- ER32
128GB	SP415043	DDR4	RDIMM (ECC Registered) 3DS	288 Pin DIMM	PHS-memory®	MEM-DR412MH- ER32

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.com/-W5Y

Contact Information

PHS-electronic gmbh - www.phs-memory.com -Karl-Götz-Str. 5 97424 Schweinfurt Germany Phone: +49 9721 784678 E-Mail: info@phs-memory.com Web: www.phs-memory.com

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