

# 16GB Computer memory DDR4 for Supermicro X12STH-F UDIMM ECC

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- Products with unique serial number for service and warranty
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# Memory Specification

-	133.35mm
DR4 UDIMM ECC Warranty vold if removed	31.25mm 30.75mm 17.60mm
■ 56.10mm	

Memory technologyDDR4ECC supportjaJEDEC NormPC4-25600-ETypeUDIMM ECC (ECC unbuffered)Number of pins288 Pin DIMMMemory data transfer rate3200MHz @ CL22Voltage1,2 VoltSpeciality-Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperatureYesSKUSP396269	Memory size	16GB
JEDEC NormPC4-25600-ETypeUDIMM ECC (ECC unbuffered)Number of pins288 Pin DIMMMemory data transfer rate3200MHz @ CL22Voltage1,2 VoltSpeciality-Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYes	Memory technology	DDR4
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Number of pins288 Pin DIMMMemory data transfer rate3200MHz @ CL22Voltage1,2 VoltSpeciality-Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYes	JEDEC Norm	РС4-25600-Е
Memory data transfer rate3200MHz @ CL22Voltage1,2 VoltSpeciality-Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYes	Туре	UDIMM ECC (ECC unbuffered)
Voltage1,2 VoltSpeciality-Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYes	Number of pins	288 Pin DIMM
Speciality-Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYes	Memory data transfer rate	3200MHz @ CL22
Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYes	Voltage	1,2 Volt
Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYes	Speciality	-
Storage temperature-40° C - +95° CRoHS compliantYes	Board dimensions	133,35 x 31,25 (LxB mm)
RoHS compliant Yes	Operating temperature	0° C - 85° C
	Storage temperature	-40° C - +95° C
<b>SKU</b> SP396269	RoHS compliant	Yes
	SKU	SP396269
<b>EAN</b> 4064578593957	EAN	4064578593957
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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	X12 Serie
Device name	X12STH-F
Maximum memory*	128GB
Number of memory sockets	4

\* 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 X12STH-F

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
8GB	SP396271	DDR4	UDIMM ECC (ECC unbuffered)	288 Pin DIMM	PHS-memory®	
16GB	SP396269	DDR4	UDIMM ECC (ECC unbuffered)	288 Pin DIMM	PHS-memory®	MEM-DR416LD- EU32
32GB	SP396270	DDR4	UDIMM ECC (ECC unbuffered)	288 Pin DIMM	PHS-memory®	MEM-DR432MD- EU32

#### 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.fr/-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 shop at https://www.phs-memory.fr