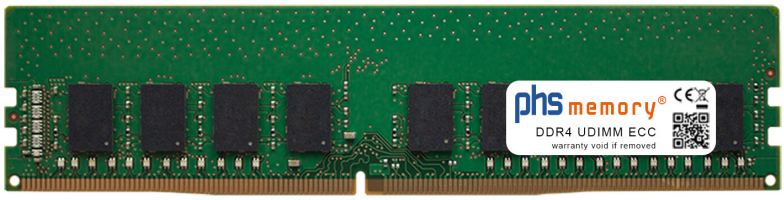
16GB Computer memory DDR4 for Supermicro X10SDV-12C-TLN4F UDIMM ECC



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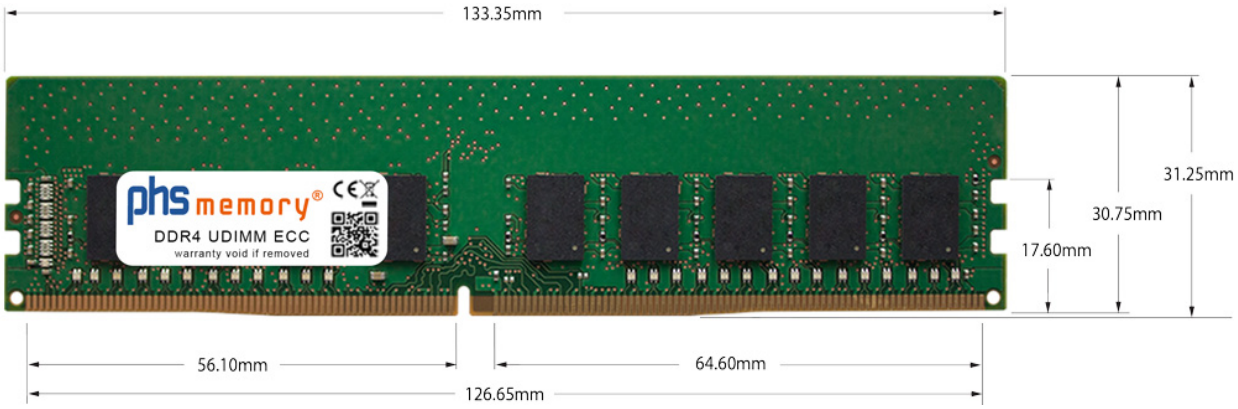
Memory Specification



Memory size	16GB
Memory technology	DDR4
ECC support	ja
JEDEC Norm	PC4-17000E
DRAM Organization	1Gx8
Rank	2Rx8
Type	UDIMM ECC (ECC unbuffered)
Number of pins	288 Pin DIMM
Memory data transfer rate	2133MHz @ CL15
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	SP372767
EAN	4064578358181

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	X10 Serie
Device name	X10SDV-12C-TLN4F
Maximum memory*	128GB ECC / 64GB according to manufacturer
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 allocation

Information on memory configuration

The following technical specifications should be considered in advance:

- Im Gerät können ECC DIMM (with Error-Correction-Code) or RDIMM (Registered DIMM) RAM-memory installiert werden. RDIMM memory sind empfehlenswert, wenn große memorykapazitäten erreicht werden sollen.
- Die verschiedenen memory-Technologien (ECC UDIMM / RDIMM) dürfen nicht gemischt betrieben werden.
- Falls eine memory extension with den bereits vorhandenen RAM-memoryn vorgenommen werden soll, muss geprüft werden, welche memorytechnologie (ECC UDIMM / RDIMM) vorhanden ist.
- If memory modules are provided with higher speeds than specified by the system, the memory speed is automatically adjusted to the system specifications.

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 X10SDV-12C-TLN4F

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
8GB	SP372771	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	MEM-DR480L-CL01-ER21
8GB	SP372768	DDR4	UDIMM ECC (ECC unbuffered)	288 Pin DIMM	PHS-memory®	MEM-DR480L-CL01-EU21, MEM-DR480L-CL02-EU21
16GB	SP372769	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	MEM-DR416LD-ER26
16GB	SP372767	DDR4	UDIMM ECC (ECC unbuffered)	288 Pin DIMM	PHS-memory®	MEM-DR416L-CL01-EU21
32GB	SP372770	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	MEM-DR432LC-ER26
32GB	SP470006	DDR4	UDIMM ECC (ECC unbuffered)	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.fr/-W5Y

5 Jahre Garantie

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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

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