

# 256GB Computer memory DDR4 for Supermicro SuperServer 1029UX-LL4-C16 LRDIMM 3DS





# 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.
- 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	256GB
Memory technology	DDR4
ECC support	yes
JEDEC Norm	PC4-25600-L
DRAM Organization	3DS 4H 16Gx4
Rank	8Rx4 (2S4Rx4)
Туре	LRDIMM (ECC LR DIMM) 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	SP487112
EAN	4067488509292

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		
Device family	SuperServer		
Device series	SYS-1029 Serie		
Device name	SuperServer 1029UX-LL4-C16		
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 SuperServer 1029UX-LL4-C16

8GB         SP487113         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory® ER29         MEM-DR480LB-ER29           16GB         SP487114         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory® MEM-DR416LD-ER29           32GB         SP487118         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory® MEM-DR432LC-ER29           64GB         SP487115         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory® MEM-DR464MC-ER32           64GB         SP487109         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP487116         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP487111         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           256GB         SP487117         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP487112         DDR4         LRDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP487112         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
Registered)         ER29           32GB         SP487118         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory® MEM-DR432LC-ER29           64GB         SP487115         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory® MEM-DR464MC-ER32           64GB         SP487109         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP487116         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP487111         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP487110         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP487117         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP487112         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	8GB	SP487113	DDR4	`	288 Pin DIMM	PHS-memory®	
Registered)         ER29           64GB         SP487115         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory® PHS-memory®         MEM-DR464MC-ER32           64GB         SP487109         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP487116         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP487111         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP487110         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP487117         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP487112         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	16GB	SP487114	DDR4	•	288 Pin DIMM	PHS-memory®	
Registered)         ER32           64GB         SP487109         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP487116         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP487111         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP487110         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP487117         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP487112         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	32GB	SP487118	DDR4	•	288 Pin DIMM	PHS-memory®	
LR DIMM)         LR DIMM)           128GB         SP487116         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP487111         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP487110         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP487117         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP487112         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	64GB	SP487115	DDR4	•	288 Pin DIMM	PHS-memory®	
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LR DIMM)         LR DIMM)           128GB         SP487110         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP487117         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP487112         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	128GB	SP487116	DDR4	•	288 Pin DIMM	PHS-memory®	
LR DIMM) 3DS           256GB         SP487117         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP487112         DDR4         LRDIMM (ECC 288 Pin DIMM PHS-memory®	128GB	SP487111	DDR4	•	288 Pin DIMM	PHS-memory®	
Registered) 3DS  256GB SP487112 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory®	128GB	SP487110	DDR4	•	288 Pin DIMM	PHS-memory®	
· ·	256GB	SP487117	DDR4	•	288 Pin DIMM	PHS-memory®	
	256GB	SP487112	DDR4	•	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



### Contact Information

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### Product Datasheet | SP487112 256GB Computer memory for SuperServer 1029UX-LL4-C16



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