

96GB Computer memory DDR5 for Supermicro X13QEH+ RDIMM





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	96GB			
Memory technology	DDR5			
ECC support	ja			
JEDEC Norm	PC5-38400R			
DRAM Organization	6Gx4			
Rank	2Rx4			
Туре	RDIMM (ECC Registered)			
Number of pins	per of pins 288 Pin DIMM			
Memory data transfer rate	4800MHz			
Voltage	1,1 Volt			
Speciality	-			
Operating temperature	0° C - 85° C			
Storage temperature	-40° C - +95° C			
RoHS compliant	Yes			
SKU	SP488646			
EAN	4067488524967			

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	X13 Serie		
Device name	X13QEH+		
Maximum memory*	16TB		
Number of memory sockets	64		

^{*}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 X13QEH+

16GB SP459656 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 24GB SP488644 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 32GB SP475581 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 32GB SP459657 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® MEM-DR532MD-ER48 48GB SP488645 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® MEM-DR564MC-ER48 64GB SP459658 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® MEM-DR564MC-ER48 96GB SP488646 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 128GB SP459659 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 256GB SP459660 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory®	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
Registered) 32GB SP475581 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 32GB SP459657 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® MEM-DR532MD-ER48 48GB SP488645 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® MEM-DR564MC-ER48 64GB SP459658 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® MEM-DR564MC-ER48 96GB SP488646 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 128GB SP459659 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 256GB SP459660 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory®	16GB	SP459656	DDR5	·	288 Pin DIMM	PHS-memory®	
Registered) 32GB SP459657 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® ER48 48GB SP488645 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP459658 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® MEM-DR564MC-ER48 96GB SP488646 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 128GB SP459659 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 256GB SP459660 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory®	24GB	SP488644	DDR5	•	288 Pin DIMM	PHS-memory®	
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Registered) ER48 96GB SP488646 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 128GB SP459659 DDR5 RDIMM (ECC Registered) 3DS 288 Pin DIMM PHS-memory® 256GB SP459660 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory®	48GB	SP488645	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered) 128GB SP459659 DDR5 RDIMM (ECC Registered) 3DS 288 Pin DIMM PHS-memory® 256GB SP459660 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory®)	64GB	SP459658	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered) 3DS 256GB SP459660 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory®	96GB	SP488646	DDR5	•	288 Pin DIMM	PHS-memory®	
	128GB	SP459659	DDR5	•	288 Pin DIMM	PHS-memory®	
	256GB	SP459660	DDR5	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.

For more information on warranty and service please visit https://www.phs-memory.it/-W5Y



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All information without guarantee. Technical changes and errors excepted. You can find current price information in our online

Product Datasheet | SP488646 96GB Computer memory for X13QEH+



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