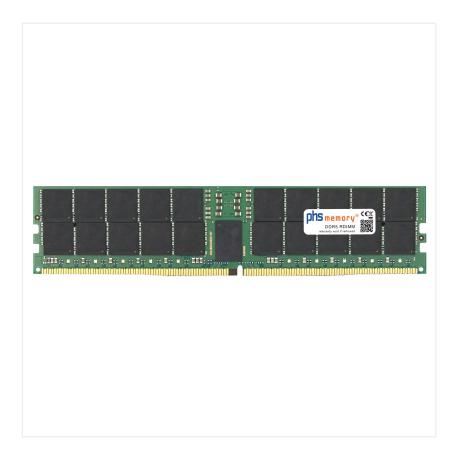


48GB Computer memory DDR5 for Supermicro GPU SuperServer SYS-221GE-TNHT-LCC RDIMM





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	48GB		
Memory technology	DDR5		
ECC support	ja		
JEDEC Norm	PC5-38400R		
DRAM Organization	3Gx8		
Rank	2Rx8		
Туре	RDIMM (ECC Registered)		
Number 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	SP541688		
EAN	4069169092321		

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	GPU SuperServer
Device series	SYS-221GE Serie
Device name	GPU SuperServer SYS-221GE-TNHT- LCC
Maximum memory*	8TB
Number of memory sockets	32

^{*} 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 GPU SuperServer SYS-221GE-TNHT-LCC

16GB SP541684 DDRS RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 24GB SP541685 DDRS RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 32GB SP541687 DDRS RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 32GB SP541686 DDRS RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 48GB SP541688 DDRS RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP541690 DDRS RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 96GB SP541691 DDRS RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 128GB SP541692 DDRS RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 256GB SP541693 DDRS RDIMM (ECC Registered) 288 Pin DIMM PHS-memory®	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
Registered) 32GB SP541687 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 32GB SP541686 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 48GB SP541688 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP541690 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 96GB SP541691 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 128GB SP541692 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 256GB SP541693 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory®	16GB	SP541684	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered) 32GB SP541686 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 48GB SP541688 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP541690 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 96GB SP541691 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 128GB SP541692 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 256GB SP541693 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory®	24GB	SP541685	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered) 48GB SP541688 DDR5 RDIMM (ECC Registered) 64GB SP541690 DDR5 RDIMM (ECC Registered) 96GB SP541691 DDR5 RDIMM (ECC Registered) 128GB SP541692 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® REGISTER PHONE PHS-memory®	32GB	SP541687	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered) 64GB SP541690 DDR5 RDIMM (ECC Registered) 96GB SP541691 DDR5 RDIMM (ECC Registered) 128GB SP541692 DDR5 RDIMM (ECC Registered) PHS-memory® RDIMM (ECC 288 Pin DIMM PHS-memory®	32GB	SP541686	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered) 96GB SP541691 DDR5 RDIMM (ECC Registered) 128GB SP541692 DDR5 RDIMM (ECC Registered) 3DS 256GB SP541693 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory®	48GB	SP541688	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered) 128GB SP541692 DDR5 RDIMM (ECC Registered) 3DS 256GB SP541693 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory®	64GB	SP541690	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered) 3DS 256GB SP541693 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory®	96GB	SP541691	DDR5	•	288 Pin DIMM	PHS-memory®	
· · · · · · · · · · · · · · · · · · ·	128GB	SP541692	DDR5		288 Pin DIMM	PHS-memory®	
	256GB	SP541693	DDR5	•	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.com/-W5Y



Contact Information

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Product Datasheet | SP541688 48GB Computer memory for GPU SuperServer SYS-221GE-TNHT-LCC



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