

# 48GB Computer memory DDR5 for Supermicro A+ server 2115HS-TNR RDIMM





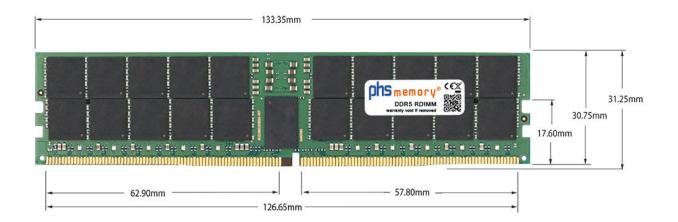
# Your benefits ✓ verified quality memory ✓ 5 years warranty warranty details see last page ✓ 100% compatible ✓ free support on our hotline ✓ fast delivery

#### 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	yes		
JEDEC Norm	PC5-38400-R		
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	SP510975		
EAN	4067488750458		

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	A+ Server		
Device series	2115HS Serie		
Device name	A+ Server 2115HS-TNR		
Maximum memory*	6TB		
Number of memory sockets	24		

<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 allocation

## 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 A+ Server 2115HS-TNR

Registered)  Registered)  Registered)  RDIMM (ECC Registered)	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
Registered)  32GB SP510974 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® MEM-DR532MD-ER48  48GB SP510975 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® MEM-DR564MC-Registered)  64GB SP510976 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® MEM-DR564MC-ER48  96GB SP510977 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® MEM-DR596L-HL01-ER48  128GB SP510978 DDR5 RDIMM (ECC Registered) 3DS 288 Pin DIMM PHS-memory® MEM-DR512MH-ER48	16GB	SP510972	DDR5	•	288 Pin DIMM	PHS-memory®	MEM-DR516MB- ER48
Registered)  Registered)  RDIMM (ECC Registered)	24GB	SP510973	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered)  Registered)  RDIMM (ECC Registered)	32GB	SP510974	DDR5	•	288 Pin DIMM	PHS-memory®	MEM-DR532MD- ER48
Registered) ER48  96GB SP510977 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® MEM-DR596L-HL01-ER48  128GB SP510978 DDR5 RDIMM (ECC Registered) 3DS PHS-memory® MEM-DR512MH-ER48	48GB	SP510975	DDR5	·	288 Pin DIMM	PHS-memory®	
Registered) HL01-ER48  128GB SP510978 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory® MEM-DR512MH-Registered) 3DS ER48	64GB	SP510976	DDR5	`	288 Pin DIMM	PHS-memory®	
Registered) 3DS ER48	96GB	SP510977	DDR5	•	288 Pin DIMM	PHS-memory®	
25.402	128GB	SP510978	DDR5	`	288 Pin DIMM	PHS-memory®	MEM-DR512MH- ER48
256GB SP510979 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS	256GB	SP510979	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.com/-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.com