

128GB Computer memory DDR5 for Asus RS700-E11-RS12U (Z13PP-D32) RDIMM 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	128GB			
Memory technology	DDR5			
ECC support	ja			
JEDEC Norm	PC5-38400-R			
DRAM Organization	3DS 2H 8Gx4			
Rank	4Rx4 (2S2Rx4)			
Туре	RDIMM (ECC Registered) 3DS			
Number of pins	mber of pins 288 Pin DIMM			
Memory data transfer rate	4800MHz			
Voltage	1,1 Volt			
Speciality	3DS			
Operating temperature	0° C - 85° C			
Storage temperature	-40° C - +95° C			
RoHS compliant	Yes			
SKU	SP488164			
EAN	4067488519949			

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	Asus		
Device type	Server		
Device family	Server R		
Device series	RS700 Serie		
Device name	RS700-E11-RS12U (Z13PP-D32)		
Maximum memory*	8TB		
Number of memory sockets	32		

^{*} The specifications for the maximum memory upgrade may differ from those of the manufacturer Asus. 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:

- Memory slots without a processor may not be used.
- A higher memory clock of the memory module automatically adapts to the memory clock specified by the system. This can be the case especially with larger capacities.
- Memories with different DRAM structures (x4, x8) must not be mixed.

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 Asus RS700-E11-RS12U (Z13PP-D32)

16GB SP488159 DDRS RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 24GB SP488166 DDRS RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 32GB SP488161 DDRS RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 32GB SP488160 DDRS RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 48GB SP488167 DDRS RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP488163 DDRS RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 96GB SP488162 DDRS RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 128GB SP488164 DDRS RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 25GGB SP488165 DDRS RDIMM (ECC Registered) 288 Pin DIMM PHS-memory®	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
Registered) 32GB SP488161 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 32GB SP488160 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 48GB SP488167 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP488163 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP488162 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 96GB SP488168 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 128GB SP488164 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 256GB SP488165 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory®	16GB	SP488159	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered) 32GB SP488160 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 48GB SP488167 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP488163 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP488162 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 96GB SP488168 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 128GB SP488164 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 256GB SP488165 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory®	24GB	SP488166	DDR5	•	288 Pin DIMM	PHS-memory®	
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Registered) 64GB SP488163 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP488162 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 96GB SP488168 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 128GB SP488164 DDR5 RDIMM (ECC Registered) 3DS 288 Pin DIMM PHS-memory® 256GB SP488165 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory®	32GB	SP488160	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered) 64GB SP488162 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 96GB SP488168 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 128GB SP488164 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 256GB SP488165 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory®	48GB	SP488167	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered) 96GB SP488168 DDR5 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 128GB SP488164 DDR5 RDIMM (ECC Registered) 3DS 288 Pin DIMM PHS-memory® 256GB SP488165 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory®)	64GB	SP488163	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered) 128GB SP488164 DDR5 RDIMM (ECC Registered) 3DS 288 Pin DIMM PHS-memory® 256GB SP488165 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory®)	64GB	SP488162	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered) 3DS 256GB SP488165 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory®	96GB	SP488168	DDR5	•	288 Pin DIMM	PHS-memory®	
· ·	128GB	SP488164	DDR5	•	288 Pin DIMM	PHS-memory®	
	256GB	SP488165	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.es/-W5Y



Contact Information

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Product Datasheet | SP488164 128GB Computer memory for RS700-E11-RS12U (Z13PP-D32)



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