phs memory®

128GB Computer memory DDR4 for Asus RS520A-E11-RS12E LRDIMM

phs memory®
958,57 EUR plus VAT 1.140,70 EUR incl. VAT immediately available https://www.phs-memory.com Version: 19.07.2025 11:50
Your benefits
5 years warranty Warranty details see last page
100% compatiblefree 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	DDR4
ECC support	yes
JEDEC Norm	PC4-25600-L
DRAM Organization	8Gx4
Rank	4Rx4 (4DRx4 DDP)
Туре	LRDIMM (ECC LR DIMM)
Number of pins	288 Pin DIMM
Memory data transfer rate	3200MHz @ CL22
Voltage	1,2 Volt
Speciality	DDP
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	SP377793
EAN	4064578409487

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	RS500A Serie
Device name	RS520A-E11-RS12E
Maximum memory*	4TB
Number of memory sockets	16

* 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:

- The system supports RDIMM and RDIMM 3DS (Registered DIMM) or LRDIMM and LRDIMM 3DS (Load Reduced DIMM) memory modules. Large memory capacities can be realised with LRDIMM 3DS modules.
- RDIMM and RDIMM 3DS memory modules cannot be operated together with LRDIMM and LRDIMM 3DS main memories.
- If a memory expansion is to be made with the already existing RAM memories, it must be checked which basic memory technology (RDIMM / LRDIMM) is available.

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 RS520A-E11-RS12E

16GBSP377795DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®32GBSP377796DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP377797DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP377794DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP377794DDR4LRDIMM (ECC LR DIMM)288 Pin DIMMPHS-memory®	rence no.
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Registered) 64GB SP377794 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM)	
LR DIMM)	
128GB SP470031 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS	
128GB SP377793 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM)	
256GB SP470029 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM) 3DS	
256GB SP473048 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS	

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