

# 16GB Computer memory DDR3 for Asus RS700-X7/PS4 RDIMM





# verified quality memory 5 years warranty warranty details see last page 100% compatible

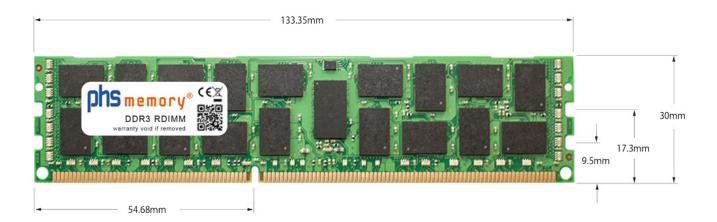
- free support on our hotline
- fast delivery

# 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	16GB		
Memory technology	DDR3		
ECC support	yes		
JEDEC Norm	PC3-12800R		
DRAM Organization	1Gx4		
Rank	2Rx4		
<b>Type</b> RDIMM (ECC Registered)			
Number of pins	240 Pin DIMM		
Memory data transfer rate	1600MHz @ CL11		
Speciality	-, DDP		
Board dimensions	133,35 x 30 (LxB mm)		
Operating temperature	0° C - 85° C		
Storage temperature	-40° C - +95° C		
RoHS compliant	yes		
SKU	SP257010		
EAN	4063369253209		

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-X7/PS4
Maximum memory*	384GB
Number of memory sockets	12

<sup>\*</sup> 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

## Which memory configuration is possible?

Our memory team will be happy to help you choose the right memory and configure your server.

Technologie	Technologie RAM in maximaler capacity			
UDIMM ECC	64GB RAM (8 x 8GB ECC UDIMM)			
RDIMM 2Rank	192GB RAM (12 x 16GB RDIMM)			
RDIMM 4Rank	256GB RAM (8 x 32GB RDIMM)			
LRDIMM	384GB RAM (12 x 32GB LRDIMM)			

ECC DIMM, Registered DIMM and Load Reduced LRDIMM memory modules must not be mixed. Bei einer Aufrüstung sollten Sie deshalb wissen, welche memory bereits vorhanden sind, or komplett auf RDIMMcomputer memory upgrade.

#### Principles of memory assembly

- Bei Einsatz of ECC UDIMM or 4Rank (4Rx..) RDIMM memoryn können nur jeweils 2 of 3 memoryslots pro memorykanal belegt werden
- ECC DIMM, Registered DIMM and Load Reduced LRDIMM memory modules 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

#### Product Datasheet | SP257010 16GB Computer memory for RS700-X7/PS4



General installation instructions are supplied by E-Mail.



# Further memory options for Asus RS700-X7/PS4

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
8GB	SP257012	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
8GB	SP257008	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
16GB	SP257010	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
32GB	SP257011	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
32GB	SP257009	DDR3	LRDIMM (ECC LR DIMM)	240 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.





## 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.it