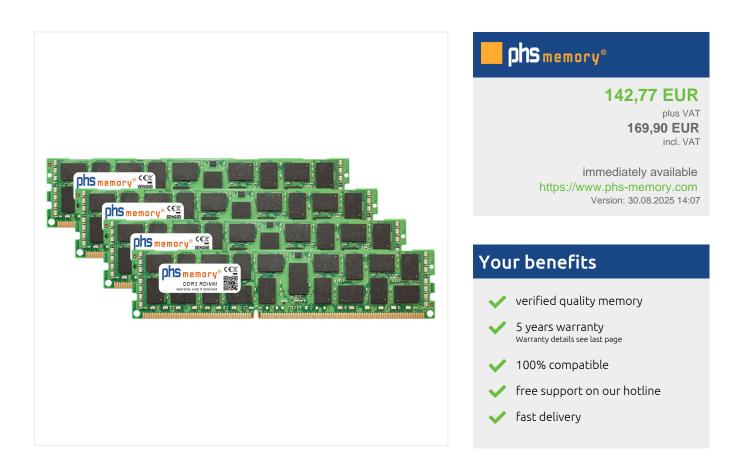
phs memory®

64GB (4x16GB) Kit Computer memory DDR3 for Fujitsu Sparc Enterprise M10-4 server RDIMM



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

4	133.35mm►		
DR3 RDIMM Warranty void if removed		17.3mm 9.5mm	30mm

16GB
DDR3
yes
PC3-10600R
1Gx4
2Rx4
RDIMM (ECC Registered)
240 Pin DIMM
1333MHz @ CL9
-, DDP
133,35 x 30 (LxB mm)
0° C - 85° C
-40° C - +95° C
yes
SP159450
4055069310641

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	Fujitsu
Device type	Server
Device family	Sparc Enterprise
Device series	M10 Serie
Device name	Sparc Enterprise M10-4 Server
Maximum memory*	2ТВ
Number of memory sockets	64

* The specifications for the maximum memory upgrade may differ from those of the manufacturer Fujitsu. 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

Maximaler Ausbau with Computer memoryn

Maximale RAM capacity					
	RAM pro Kit	RAM Total			
RAM Technology					
RDIMM	4x32GB=128GB	2048GB			
LRDIMM		4096GB			
	4x64GB=256GB				

- Mit RDIMM memory modulesn erreichen Sie einen maximalen Computer memory of 2 TerraByte. Bei Verwendung of LRDIMM Computer memoryn ist 4 TerraByte RAM memory möglich.
- To achieve good system performance, it is recommended to distribute the memory evenly among the memory slots and evenly among the CPUs.
- 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 RDIMM or LRDIMMcomputer memory upgrade.

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.

phs memory[®]

Further memory options for Fujitsu Sparc Enterprise M10-4 Server

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
8GB	SP159453	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
32GB	SP159451	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
16GB	SP159450	DDR3	RDIMM (ECC Registered)	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.

For more information on warranty and service please visit https://www.phs-memory.com/-W5Y



Contact Information

PHS-electronic gmbh - www.phs-memory.com -Karl-Götz-Str. 5 97424 Schweinfurt Germany Phone: +49 9721 784678 E-Mail: info@phs-memory.com Web: www.phs-memory.com

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