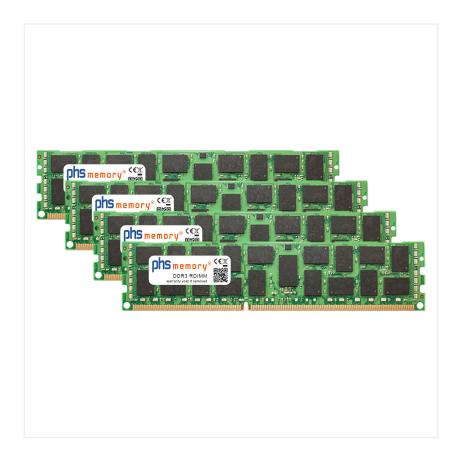


# 64GB (4x16GB) Kit Computer memory DDR3 for Fujitsu Primergy BX960 S1 RDIMM





# 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	16GB		
Memory technology	DDR3		
ECC support	ja		
JEDEC Norm	PC3-10600R		
DRAM Organization	1Gx4		
Rank	2Rx4		
Туре	RDIMM (ECC Registered)		
Number of pins	240 Pin DIMM		
Memory data transfer rate	1333MHz @ CL9		
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	SP159133		
EAN	4055069283358		

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	Primergy
Device series	BX900 Serie
Device name	Primergy BX960 S1
Maximum memory*	1TB / 512GB according to manufacturer
Number of memory sockets	32

<sup>\*</sup> 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

### Computer memory configuration

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

#### Maximum capacity by memory technology

Technologie	GB /Modul	Anzahl	Total
RDIMM	16GB RAM	32	512GB

UDIMM ECC memory and RDIMM (Registered) server memory can not be shared. Bei einer Aufrüstung sollten Sie deshalb wissen, welche memory bereits vorhanden sind or komplett auf RDIMMcomputer memory upgrade.

#### Principles of memory assembly

- Each CPU has 2 memory controllers with 4 memory slots each
- The 4 memory slots per memory controller must be identically equipped (4 identical memories each)
- The different memory controllers can be equipped differently
- Es können nur die memorysteckplätze genutzt werden, bei denen die jeweilige CPU vorhanden ist.

#### Memory configuration for good system performance

- verteilen Sie die memory gleichmäßig auf die memorysteckplätze and gleichmäßig auf die CPUs
- wenn alle memory slots einer CPU bestückt sind, ist die Performance until zum 3fachen schneller
- Wenn mehr als eine CPU vorhanden ist, sollten die memory pro CPU identisch (gespiegelt zur anderen CPU) bestückt werden.

# Information on memory installation

#### Product Datasheet | SP159133

16GB Computer memory for Primergy BX960 S1



- 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 Fujitsu Primergy BX960 S1

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
8GB	SP155796	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	S26361-F4003-L 625
16GB	SP155790	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	S26361-F4003-L 626
8GB	SP159136	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	S26361-F4003-L 645
16GB	SP159133	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	S26361-F4003-L 646

# 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.fr