

4GB Computer memory DDR3 for Lenovo System x3550 M3 (7944) UDIMM ECC



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- ✓ verified quality memory
- ✓ 5 years warranty
Warranty details see last page
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- many years of IT competence
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- Products with unique serial number for service and warranty
- Pre-sales and after-sales support by technically trained personnel

Memory Specification



Memory size	4GB
Memory technology	DDR3
ECC support	ja
JEDEC Norm	PC3L-10600E
DRAM Organization	256Mx8
Rank	2Rx8
Type	UDIMM ECC (ECC unbuffered)
Number of pins	240 Pin DIMM
Memory data transfer rate	1333MHz @ CL9
Voltage	1,35 Volt
Speciality	-
Board dimensions	133,35 x 30 (LxB mm)
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	Yes
SKU	SP187082
EAN	4055069557749

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 system:

System manufacturer	Lenovo
Device type	Server
Device family	IBM System x
Device series	x3550 M3 Serie
Device name	System x3550 M3 (7944)
Standard memory	4GB (1x4GB)
Maximum memory*	288GB
Number of memory sockets	18

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

Sie können entweder ECC UDIMM or RDIMM memory verwenden.

Technologie	GB /Modul	Memory Slot	Total
UDIMM ECC	4GB RAM	12	48GB
RDIMM	16GB RAM	18	288GB

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 RDIMM computer memory upgrade.

Principles of memory assembly

- Die memorysteckplätze sind in 3er Gruppen organisiert
- Pro 3er Gruppe jeweils nur max. 2 Slots for UDIMM ECC memory
- Pro 3er Gruppe jeweils nur max. 2 Slots for 4Rank RDIMM memory
- Die verschiedenen 3er Steckplatzgruppen müssen nicht die gleichen Kapazitäten haben
- 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
- Bei jeweils 3 gleichen memoryn pro 3er Steckplatzgruppe, ist die Performance until zum 3fachen schneller gegenüber einer Bestückung der 3er Steckplatzgruppe with nur einem memory
- Wenn mehr als eine CPU vorhanden sind, sollten die memory pro CPU identisch (gespiegelt zur anderen CPU) bestückt werden.

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 Lenovo System x3550 M3 (7944)

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
4GB	SP187082	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	49Y1404
8GB	SP187080	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	49Y1397
8GB	SP464744	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
16GB	SP187078	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	49Y1563

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>



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