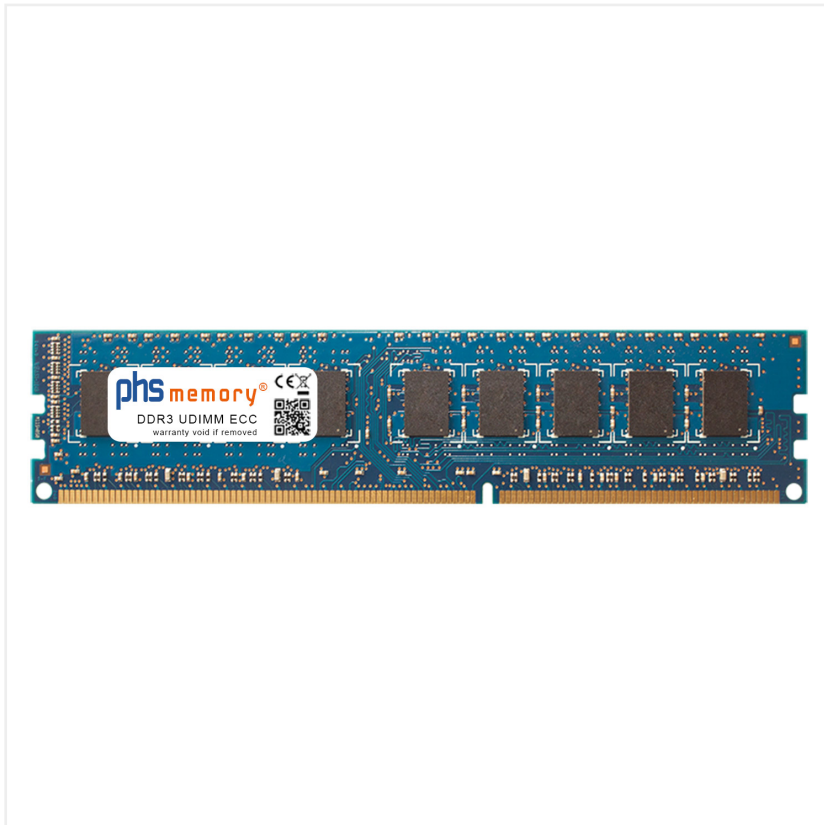


## 8GB Computer memory DDR3 for Lenovo System x3400 M3 (7378) UDIMM ECC

**phs** memory®**32,27 EUR**

plus VAT

**38,40 EUR**

incl. VAT

immediately available

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### 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
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- Pre-sales and after-sales support by technically trained personnel

## Memory Specification



<b>Memory size</b>	8GB
<b>Memory technology</b>	DDR3
<b>ECC support</b>	yes
<b>JEDEC Norm</b>	PC3-10600E
<b>DRAM Organization</b>	512Mx8
<b>Rank</b>	2Rx8
<b>Type</b>	UDIMM ECC (ECC unbuffered)
<b>Number of pins</b>	240 Pin DIMM
<b>Memory data transfer rate</b>	1333MHz @ CL9
<b>Speciality</b>	-
<b>Board dimensions</b>	133,35 x 30 (LxB mm)
<b>Operating temperature</b>	0° C - 85° C
<b>Storage temperature</b>	-40° C - +95° C
<b>RoHS compliant</b>	yes
<b>SKU</b>	SP463246
<b>EAN</b>	4067488267475

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:

<b>System manufacturer</b>	Lenovo
<b>Device type</b>	Server
<b>Device family</b>	IBM System x
<b>Device series</b>	x3400 M3 Serie
<b>Device name</b>	System x3400 M3 (7378)
<b>Maximum memory*</b>	256GB / 128GB according to manufacturer
<b>Number of memory sockets</b>	16
<b>Annotation</b>	UDIMM ECC memory and RDIMM (Registered) server memory can not be shared.

\* 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	16	256GB

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

- Die memorysteckplätze sind in 3er Gruppen organisiert (Per CPU 8 Slot = 3 + 3 +2)
- 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 x3400 M3 (7378)

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
4GB	SP252762	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
8GB	SP463246	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
8GB	SP132261	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	49Y1397
16GB	SP132256	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

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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>