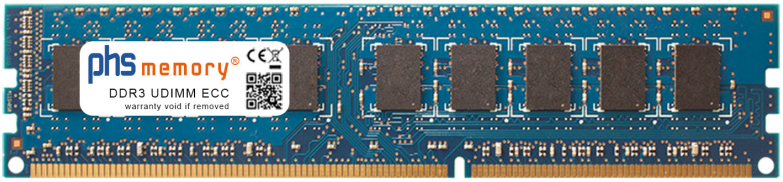
8GB Computer memory DDR3 for Lenovo System x dx360 M4 (7912-13x) UDIMM ECC



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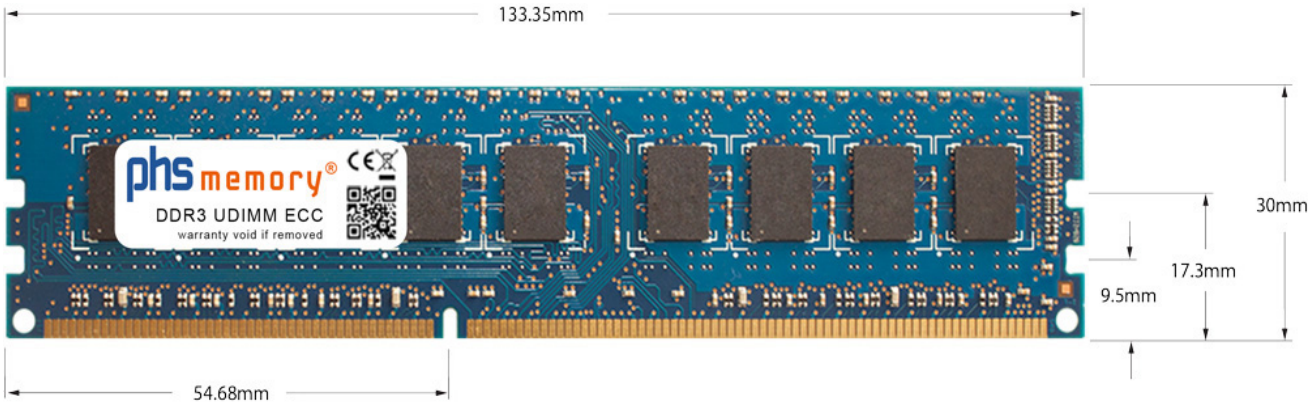
Memory Specification



Memory size	8GB
Memory technology	DDR3
ECC support	yes
JEDEC Norm	PC3-12800E
DRAM Organization	512Mx8
Rank	2Rx8
Type	UDIMM ECC (ECC unbuffered)
Number of pins	240 Pin DIMM
Memory data transfer rate	1600MHz @ CL11
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	SP464730
EAN	4067488282461

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.

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System Specifications

The memory is 100% compatible with this sytem:

System manufacturer	Lenovo
Device type	Server
Device family	IBM System x iDataPlex
Device series	dx360 M4 Serie
Device name	System x dx360 M4 (7912-13x)
Standard memory	32GB (4x8GB)
Maximum memory*	512GB / 256GB according to manufacturer
Number of memory sockets	16

* 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

Information on memory configuration

The following technical specifications should be considered in advance:

- RDIMM memory modules können nicht zusammen with UDIMM ECC Speichern gemischt betrieben werden.
- Falls eine memory extension with den bereits vorhandenen RAM-Speichern vorgenommen werden soll, muss geprüft werden, welche Speichertechnologie (RDIMM / UDIMM ECC) vorhanden ist.
- Memory slots without a processor may not be used.
- A higher memory clock of the memory module automatically adapts to the memory clock specified by the system. This can be the case especially with larger capacities.
- When using 4Rank (4Rx..) RDIMM memories, only 2 of 3 memory slots can be used per memory channel.

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.

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Further memory options for Lenovo System x dx360 M4 (7912-13x)

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
4GB	SP185878	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	00D5012
8GB	SP185881	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	00D5036
8GB	SP464730	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
16GB	SP185880	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	46W0672
32GB	SP464731	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	

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