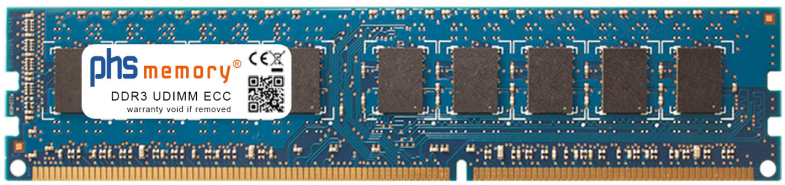
8GB Computer memory DDR3
for Lenovo ThinkStation D30 (4354) UDIMM ECC



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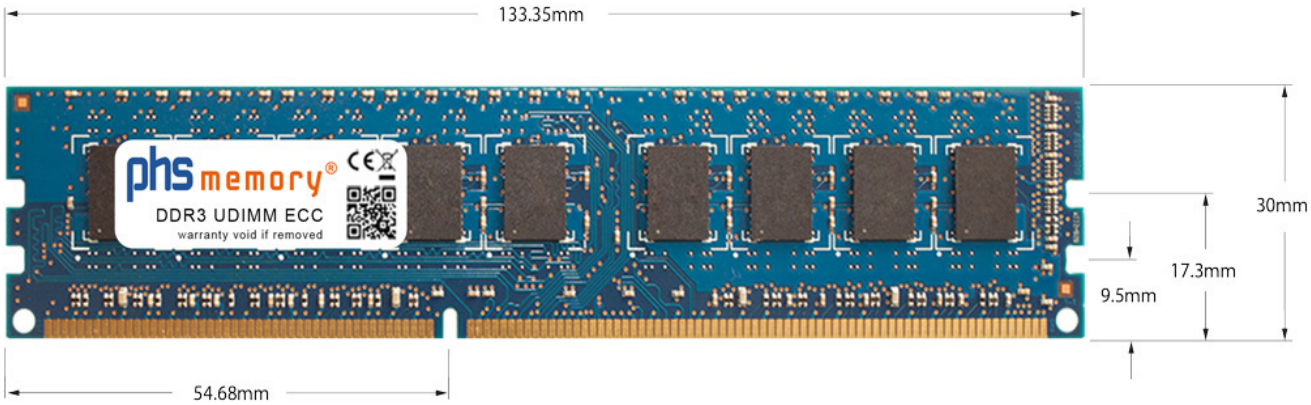
Memory Specification



Memory size	8GB
Memory technology	DDR3
ECC support	ja
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	SP414988
EAN	4064578780494

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	Workstation
Device family	ThinkStation
Device series	D30 Serie
Device name	ThinkStation D30 (4354)
Maximum memory*	512GB
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:

- The device supports ECC DIMM (with error correction code) or RDIMM (Registered DIMM) RAM memories. RDIMM memories are recommended when large memory capacities are to be achieved.
- The different memory technologies (ECC / RDIMM) may not be mixed.
- If a memory expansion is to be made with the already existing RAM memories, it must be checked which memory technology (ECC/ RDIMM) is already installed in the system.
- 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.

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 ThinkStation D30 (4354)

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
4GB	SP414990	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	4X70G00092, 0C19499, 03T7802, 03T7806, 57Y4138, 64Y9570, 0B47377
8GB	SP414992	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	0C19534
8GB	SP414988	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	4X70G00093, 0C19500, 03T7804, 03T7807, 0B47378, 03T8429, 0A65718, 0A89461
16GB	SP414989	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	0C19535
32GB	SP470983	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.es/-W5Y

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