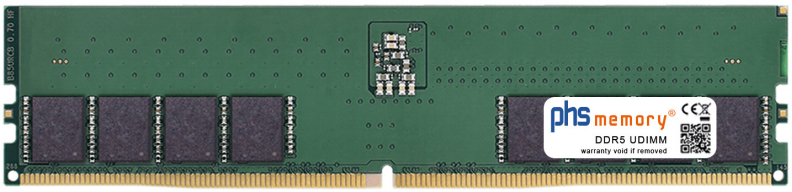
48GB Computer memory DDR5 for Lenovo ThinkCentre M90t Gen 5 (12V5) UDIMM



158,24 EUR
plus VAT
188,30 EUR
incl. VAT

en stock
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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
- Free support for optimal configuration and product selection
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- 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.
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- Pre-sales and after-sales support by technically trained personnel

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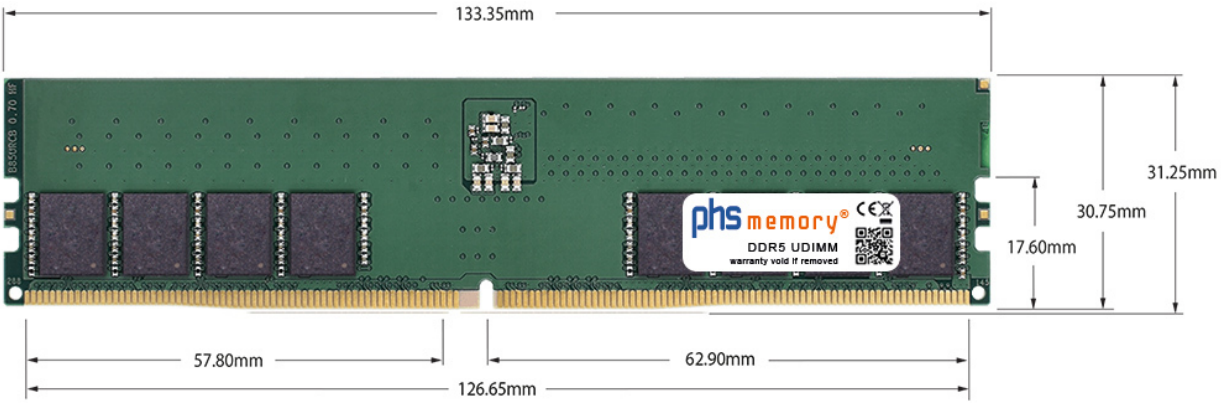
Memory Specification



Memory size	48GB
Memory technology	DDR5
ECC support	no
JEDEC Norm	PC5-38400-U
Type	UDIMM (Non-ECC unbuffered)
Number of pins	288 Pin DIMM
Memory data transfer rate	4800MHz
Voltage	1,1 Volt
Speciality	-
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	Yes
SKU	SP540180
EAN	4069169074792

overRAMing - maximize your RAM

overRAMing Project

Most systems - including the Lenovo ThinkCentre M90t Gen 5 (12V5) - can be upgraded with more memory than originally specified by the device manufacturer.

Therefore, our memory specialists continuously analyze new memory solutions in selected systems. Due to improved manufacturing technologies, new memories with higher performance and capacity will be tested for stability and functionality.
Then the new memory solutions are released for the respective systems. Use the benefits of larger computer memory capacity with the PHS-memory® overRAMing memory solutions.

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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	Desktop
Device family	ThinkCentre
Device series	M90 Serie
Device name	ThinkCentre M90t Gen 5 (12V5)
Standard memory	16GB (1x16GB)
Maximum memory*	256GB / 128GB according to manufacturer
Number of memory sockets	4
Annotation	suitable for the following models: 12V50008BL, 12V50008CK, 12V50008CR, 12V50008EE, 12V50008EU, 12V50008FN, 12V50008FR, 12V50008GE, 12V50008HX, 12V50008IL, 12V50008IX, 12V50008MB, 12V50008MD, 12V50008MF, 12V50008MG, 12V50008MH, 12V50008ML, 12V50008MS, 12V50008MT, 12V50008MX, 12V50008MZ, 12V50008NX, 12V50008PB, 12V50008PG, 12V50008RI, 12V50008SP, 12V50008TR, 12V50008UK, 12V50008ZY, etc.

* 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.

Memory modules with our overRAMing-symbol are approved by us for maximum memory expansion.

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 ThinkCentre M90t Gen 5 (12V5)

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
8GB	SP540176	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	
16GB	SP540177	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	
24GB	SP540178	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	
32GB	SP540179	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	
48GB	SP540180	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	
64GB	SP584235	DDR5	UDIMM (Non-ECC unbuffered)	288 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

5 Jahre Garantie

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Web: www.phs-memory.es

All information without guarantee. Technical changes and errors excepted. You can find current price information in our online shop at https://www.phs-memory.es

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