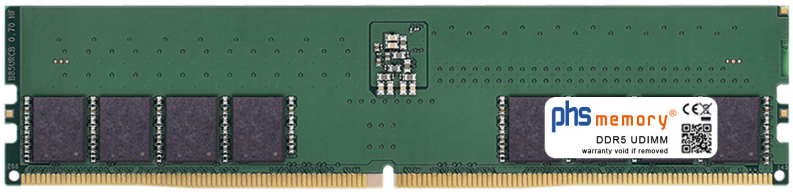
32GB Computer memory DDR5 for Lenovo ThinkCentre M90t Gen 4 (12HL) UDIMM



98,40 EUR
plus VAT
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incl. VAT

in magazzino
https://www.phs-memory.it
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- verified quality memory
- 5 years warranty
  Warranty details see last page
- 100% compatible
- free support on our hotline
- fast delivery

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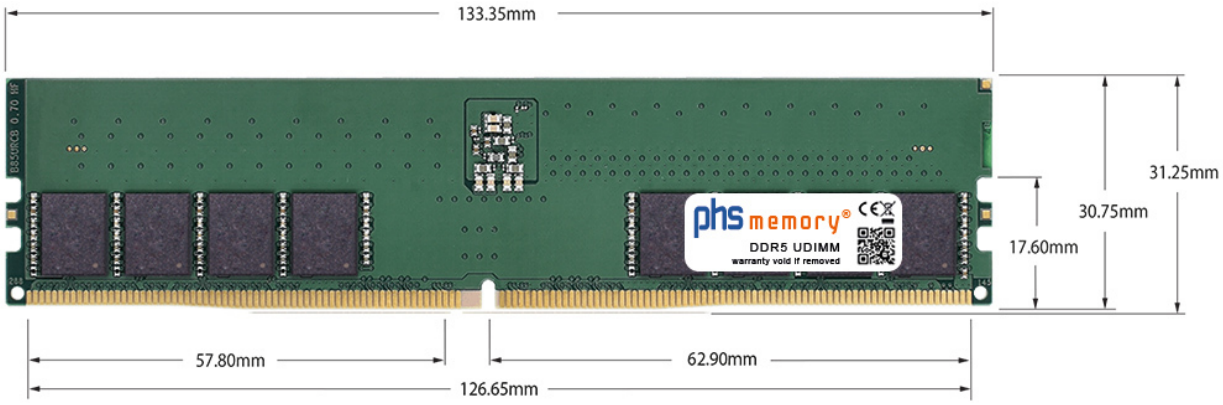
Memory Specification



Memory size	32GB
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	SP533247
EAN	4067488975110

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 4 (12HL)
Standard memory	16GB / 32GB
Maximum memory*	192GB / 128GB according to manufacturer
Number of memory sockets	4
Annotation	for die folgenden Modelle: 12HL0000BL, 12HL0000CK, 12HL0000CR, 12HL0000EE, 12HL0000EU, 12HL0000FN, 12HL0000FR, 12HL0000GE, 12HL0000HX, 12HL0000IL, 12HL0000IX, 12HL0000MB, 12HL0000MD, 12HL0000MF, 12HL0000MG, 12HL0000MH, 12HL0000ML, 12HL0000MS, 12HL0000MT, 12HL0000MX, 12HL0000MZ, 12HL0000NX, 12HL0000PB, 12HL0000PG, 12HL0000RI, 12HL0000SP, 12HL0000TR, 12HL0000UK, 12HL0000ZY, 12HL0001BL, 12HL0001CK, 12HL0001CR, 12HL0001EE, 12HL0001EU, 12HL0001FN, 12HL0001FR, 12HL0001GE, 12HL0001HX, 12HL0001IL, 12HL0001IX, 12HL0001MB, 12HL0001MD, 12HL0001MF, 12HL0001MG, 12HL0001MH, 12HL0001ML, 12HL0001MS, 12HL0001MT, 12HL0001MX, 12HL0001MZ, 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.

Information on memory installation

- Turn off the system
- Remove the plug of the power supply unit (if connected)

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- 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 4 (12HL)

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
8GB	SP533244	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	
16GB	SP533245	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	
24GB	SP533246	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	
32GB	SP533247	DDR5	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	
48GB	SP533248	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.it/-W5Y

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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.it

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