

# 8GB Computer memory DDR4 for Lenovo ThinkServer TS150 (70UD) UDIMM ECC







## 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.
- PHS-memory® memories can be used together with existing memories in the device depends on to the configuration rules of the system.
- The "fallback option" in the SPD of PHS-memory® allows DRAMs with higher clock rates to be operated together with older memory modules with lower clock rates within the system.
- Products with unique serial number for service and warranty
- Pre-sales and after-sales support by technically trained personnel



## Memory Specification



Memory technologyDDR4ECC supportjaJEDEC NormPC4-19200ETypeUDIMM ECC (ECC unbuffered)Number of pins288 Pin DIMMMemory data transfer rate2400MHz @ CL17Voltage1,2 VoltSpeciality-Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYesSKUSP237096EAN4063369046979	Memory size	8GB		
JEDEC Norm PC4-19200E  Type UDIMM ECC (ECC unbuffered)  Number of pins 288 Pin DIMM  Memory data transfer rate 2400MHz @ CL17  Voltage 1,2 Volt  Speciality - Board dimensions 133,35 x 31,25 (LxB mm)  Operating temperature 0° C - 85° C  Storage temperature -40° C - +95° C  RoHS compliant Yes  SKU SP237096	Memory technology	DDR4		
Type  Number of pins  288 Pin DIMM  Memory data transfer rate  2400MHz @ CL17  Voltage  1,2 Volt  Speciality  -  Board dimensions  133,35 x 31,25 (LxB mm)  Operating temperature  0° C - 85° C  Storage temperature  -40° C - +95° C  RoHS compliant  Yes  SKU  SP237096	ECC support	ja		
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Storage temperature -40° C - +95° C  RoHS compliant Yes  SKU SP237096	Board dimensions	133,35 x 31,25 (LxB mm)		
RoHS compliant Yes SKU SP237096	Operating temperature	0° C - 85° C		
<b>SKU</b> SP237096	Storage temperature	-40° C - +95° C		
5.127.676	RoHS compliant	Yes		
<b>EAN</b> 4063369046979	SKU	SP237096		
	EAN	4063369046979		

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 sytem:

System manufacturer	Lenovo		
Device type	Server		
Device family	ThinkServer		
Device series	TS150 Serie		
Device name	ThinkServer TS150 (70UD)		
Standard memory	8GB (1x8GB)		
Maximum memory*	64GB		
Number of memory sockets	4		

<sup>\*</sup>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

## What should be considered when upgrading RAM?

■ Der schnelle Dual Channel Mode Betrieb wird bei der paarweisen Installation der memory optimal supports

## 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 ThinkServer TS150 (70UD)

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
8GB	SP237096	DDR4	UDIMM ECC (ECC unbuffered)	288 Pin DIMM	PHS-memory®	4X70G88325
16GB	SP237095	DDR4	UDIMM ECC (ECC unbuffered)	288 Pin DIMM	PHS-memory®	4X70G88326

#### 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.





#### 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.it