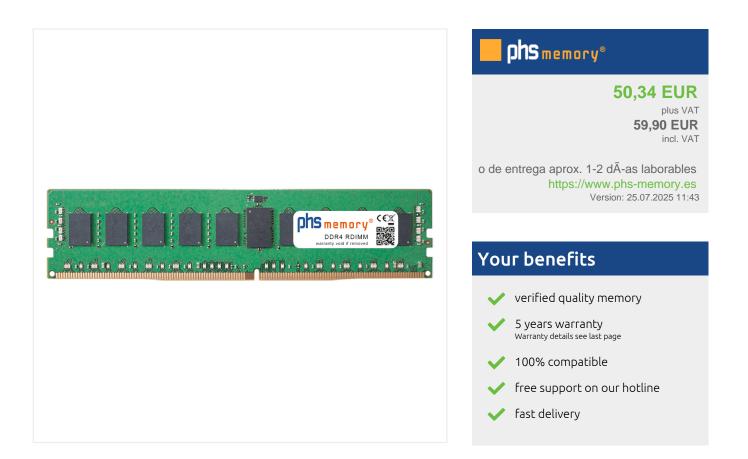


# 8GB Computer memory DDR4 for Lenovo ThinkStation P500 (30A7) RDIMM

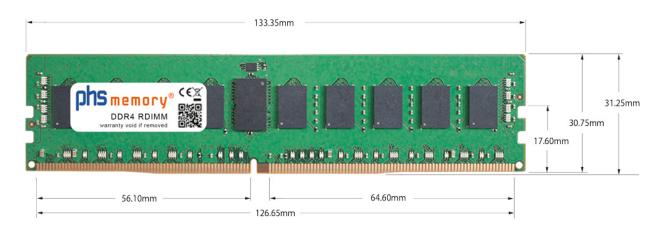


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- many years of IT competence
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# Memory Specification



Memory size	8GB		
Memory technology	DDR4		
ECC support	ја		
JEDEC Norm	PC4-19200R		
DRAM Organization	1Gx4		
Rank	1Rx4		
Туре	RDIMM (ECC Registered)		
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	SP231744		
EAN	4055069994698		

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	Workstation
Device family	ThinkStation
Device series	P500 Serie
Device name	ThinkStation P500 (30A7)
Standard memory	16GB
Maximum memory*	2TB / 512GB according to manufacturer
Number of memory sockets	8

\* 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 system supports RDIMM and RDIMM 3DS (Registered DIMM) or LRDIMM and LRDIMM 3DS (Load Reduced DIMM) memory modules. Large memory capacities can be realised with LRDIMM 3DS modules.
- RDIMM and RDIMM 3DS memory modules cannot be operated together with LRDIMM and LRDIMM 3DS main memories.
- If a memory expansion is to be made with the already existing RAM memories, it must be checked which basic memory technology (RDIMM / LRDIMM) is available.
- Memory slots without a processor may not be used.
- If memory modules are provided with higher speeds than specified by the system, the memory speed is automatically adjusted to the system specifications.

#### memory for Intel Xeon CPUs:

RDIMM	LRDIMM	
8GB RDIMM	32GB LRDIMM	
16GB RDIMM	64GB LRDIMM DDP	
32GB RDIMM	128GB LRDIMM DDP	
64GB RDIMM DDP	128GB LRDIMM 3DS	
128GB RDIMM 3DS	256GB LRDIMM 3DS	
	8GB RDIMM 16GB RDIMM 32GB RDIMM 64GB RDIMM DDP	



#### 256GB RDIMM 3DS

### 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 ThinkStation P500 (30A7)

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
8GB	SP231744	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	4X70G78061, 03T6779
16GB	SP231743	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	4X70G78062
32GB	SP341766	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	4X70G78059, 03T6782
64GB	SP465867	DDR4	RDIMM (ECC Registered) 3DS	288 Pin DIMM	PHS-memory®	
64GB	SP231742	DDR4	LRDIMM (ECC LR DIMM)	288 Pin DIMM	PHS-memory®	
128GB	SP465868	DDR4	RDIMM (ECC Registered) 3DS	288 Pin DIMM	PHS-memory®	
128GB	SP465865	DDR4	LRDIMM (ECC LR DIMM) 3DS	288 Pin DIMM	PHS-memory®	
256GB	SP465869	DDR4	RDIMM (ECC Registered) 3DS	288 Pin DIMM	PHS-memory®	
256GB	SP465866	DDR4	LRDIMM (ECC LR DIMM) 3DS	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



### Contact Information

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