



Memory Specification

Memory size	256GB
Memory technology	DDR5
ECC support	yes
JEDEC Norm	PC5-38400-R
DRAM Organization	3DS 4H 16Gx4
Rank	8Rx4 (2S4Rx4)
Type	RDIMM (ECC Registered) 3DS
Number of pins	288 Pin DIMM
Memory data transfer rate	4800MHz
Voltage	1,1 Volt
Speciality	3DS
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	yes
SKU	SP502943
EAN	4067488668937

overRAMing - maximize your RAM



overRAMing Project

Most systems - including the Lenovo ThinkStation P7 (30F3) - 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.

<https://www.phs-memory.fr/-BOR>

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	P7 Serie
Device name	ThinkStation P7 (30F3)
Standard memory	16GB / 32GB / 64GB
Maximum memory*	2TB / 1TB according to manufacturer
Number of memory sockets	8
Annotation	for die folgenden Modelle: 30F3000MBL, 30F3000MCK, 30F3000MCR, 30F3000MEE, 30F3000MEU, 30F3000MFR, 30F3000MGE, 30F3000MHX, 30F3000MIL, 30F3000MIX, 30F3000MMB, 30F3000MMD, 30F3000MMF, 30F3000MMG, 30F3000MMH, 30F3000MML, 30F3000MMS, 30F3000MMT, 30F3000MMZ, 30F3000MNX, 30F3000MPB, 30F3000MPG, 30F3000MRI, 30F3000MSP, 30F3000MUK, 30F3000MZY, 30F3000NBL, 30F3000NCK, 30F3000NCR, 30F3000NEE, 30F3000NEU, 30F3000NFR, 30F3000NGE, 30F3000NHX, 30F3000NIL, 30F3000NIX, 30F3000NMB, 30F3000NMD, 30F3000NMF, 30F3000NMG, 30F3000NMH, 30F3000NML, 30F3000NMS, 30F3000NMT, 30F3000NMZ, 30F3000NNX, 30F3000NPB, 30F3000NPG, 30F3000NRI, 30F3000NSP, 30F3000RPG, 30F3000RRI, 30F3000RSP, 30F3000RUK, 30F3000RZY, 30F3000SBL, 30F3000SCK, 30F3000SCR, 30F3000SEE, 30F3000SEU, 30F3000SFR, 30F3000SGE, 30F3000SHX, 30F3000SIL, 30F3000SIX, 30F3000SMB, 30F3000SMD, 30F3000SMF, 30F3000SMG, 30F3000SMH, 30F3000SML, 30F3000SMS, 30F3000SMT, 30F3000SMZ, 30F3000SNX, 30F3000SPB,

30F3000SPG, 30F3000SRI,
30F3000SSP, 30F3000SUK,
30F3000SZY, 30F3000TBL,
30F3000TCK, 30F3000TCR,
30F3000TEE, 30F3000TEU,
30F3000TFR, 30F3000TGE,
30F3000THX, 30F3000TIL,
30F3000TIX, 30F3000TMB,
30F3000TMD, 30F3000TMF,
30F3000TMG, 30F3000TMH,
30F3000TML, 30F3000TMS,
30F3000TMT, 30F3000TMZ, 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.

Further memory options for Lenovo ThinkStation P7 (30F3)

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
16GB	SP502935	DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
24GB	SP502936	DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
32GB	SP502938	DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
32GB	SP502937	DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
48GB	SP502939	DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
64GB	SP502940	DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
96GB	SP502941	DDR5	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
128GB	SP502942	DDR5	RDIMM (ECC Registered) 3DS	288 Pin DIMM	PHS-memory®	
256GB	SP502943	DDR5	RDIMM (ECC Registered) 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.fr/-/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.fr>