# phs memory®

### 128GB Computer memory DDR4 for Lenovo ThinkStation P720 (30BA) RDIMM 3DS

<b>phs</b> memory®		
<b>1.092,77 EUR</b> plus VAT <b>1.300,40 EUR</b> incl. VAT		
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Your benefits		
verified quality memory		
S 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
- High availability through professional warehouse management
- Fast delivery in throughout Europe
- Short response times and professional order processing due to full digitalization throughout the entire process with complete traceability
- 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 size	128GB
Memory technology	DDR4
ECC support	yes
JEDEC Norm	PC4-23400-R
DRAM Organization	3DS 2H 8Gx4
Rank	4Rx4 (2S2Rx4)
Туре	RDIMM (ECC Registered) 3DS
Number of pins	288 Pin DIMM
Memory data transfer rate	2933MHz @ CL21
Voltage	1,2 Volt
Speciality	3DS
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	SP467552
EAN	4067488310874

#### overRAMing maximize your RAM



Most systems - including the Lenovo ThinkStation P720 (30BA) - 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 PHSmemory® overRAMing memory solutions.

https://www.phs-memory.it/-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	P720 Serie			
Device name	ThinkStation P720 (30BA)			
Standard memory	64GB			
Maximum memory*	1,5TB / 768GB according to manufacturer			
Number of memory sockets	12			
Annotation	for die folgenden Modelle: 30BA0000, 30BA000FUS, 30BA000GUS, 30BA000HUS, 30BA000JUS, 30BA0019, 30BA001A, 30BA0019, 30BA001C, 30BA001D, 30BA001E, 30BA001F, 30BA001G, 30BA001L, 30BA001K, 30BA001L, 30BA001MUS, 30BA001NUS, 30BA001PUS, 30BA001VUS, 30BA001PUS, 30BA001VUS, 30BA002US, 30BA0021US, 30BA0022US, 30BA0023US, 30BA0024, 30BA0025, 30BA0026, 30BA003F, 30BA0025, 30BA0026, 30BA0041, 30BA0074, 30BA009D, 30BA008W, 30BA00BE, 30BA008W, 30BA00BE, 30BA002C, 30BA00C3, 30BA00C1, 30BA00C5, 30BA00C3, 30BA00C4, 30BA00C5, 30BA00C6, 30BA00C4, 30BA00C5, 30BA00C6, 30BA00C4, 30BA00C5, 30BA00C6, 30BA00C4, 30BA00C5, 30BA00C6, 30BA00C4, 30BA00C5, 30BA00C6, 30BA00C4, 30BA00C4, 30BA00C6, 30B			

\* 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 allocation Information on memory configuration



Our memory team will be happy to help you choose the right memory and configure your server. Folgende technischen Gegebenheiten sollten im Vorfeld beachtet werden:

- Die CPU supports 6 DIMMs pro Speicherkanal
- Speichersteckplätze, for die kein Prozessor vorhanden ist, dürfen nicht bestückt werden

- Höhere Speicherfrequenzen passen sich ggf. anderen Speichertaktungen in der Systemumgebung an and unterstützen entsprechend langsamere Taktraten

### 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 P720 (30BA)

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
8GB	SP266876	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
16GB	SP266874	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
32GB	SP266875	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	4X70V98062, 4X70P98203
32GB	SP524741	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	Lenovo Original	
64GB	SP467550	DDR4	RDIMM (ECC Registered) 3DS	288 Pin DIMM	PHS-memory®	4X70V98063
128GB	SP467552	DDR4	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.it/-W5Y



### 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