

# 128GB Computer memory DDR4 for Lenovo ThinkSystem ST650 V2 (7Z75 / 7Z74) RDIMM 3DS







#### 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	ja		
JEDEC Norm	PC4-25600R		
DRAM Organization	3DS 2H 8Gx4		
Rank	4Rx4 (2S2Rx4)		
Туре	RDIMM (ECC Registered) 3DS		
Number of pins	288 Pin DIMM		
Memory data transfer rate	3200MHz @ CL22		
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	SP425425		
EAN	4064578884277		

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	ThinkSystem			
Device series	ST650 Serie			
Device name	ThinkSystem ST650 V2 (7Z75 / 7Z74)			
Standard memory	32GB			
Maximum memory*	8TB / 4TB according to manufacturer			
Number of memory sockets	32			

<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

### 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.
- When using a multiprocessor system, the memory slots should always be configured identically for each CPU.
- 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.

## 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 ThinkSystem ST650 V2 (7Z75 / 7Z74)

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
8GB	SP473805	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
16GB	SP425426	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	4X77A08632
32GB	SP425427	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	4X77A08633, 4X77A08634
64GB	SP425428	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	4X77A08635
64GB	SP473806	DDR4	LRDIMM (ECC LR DIMM)	288 Pin DIMM	PHS-memory®	
128GB	SP425425	DDR4	RDIMM (ECC Registered) 3DS	288 Pin DIMM	PHS-memory®	4X77A08636
128GB	SP425424	DDR4	LRDIMM (ECC LR DIMM)	288 Pin DIMM	PHS-memory®	
128GB	SP473804	DDR4	LRDIMM (ECC LR DIMM) 3DS	288 Pin DIMM	PHS-memory®	
256GB	SP471063	DDR4	RDIMM (ECC Registered) 3DS	288 Pin DIMM	PHS-memory®	
256GB	SP471062	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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#### Product Datasheet | SP425425 128GB Computer memory for ThinkSystem ST650 V2 (7Z75 / 7Z74)



All information without guarantee. Technical changes and errors excepted. You can find current price information in our online shop at https://www.phs-memory.es