

128GB Computer memory DDR4 for ASRock ALTRAD8UD2-1L2Q LRDIMM 3DS



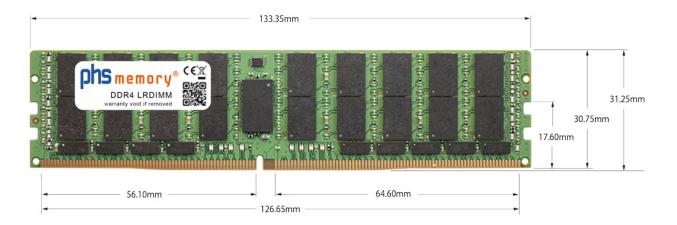


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- many years of IT competence
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- PHS-memory® brand memories guarantee 100% compatibility to the specified system.
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- The "fallback option" in the 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.
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Memory Specification



Memory size	128GB
Memory technology	DDR4
ECC support	yes
JEDEC Norm	PC4-25600-L
DRAM Organization	3DS 4H 8Gx4
Rank	8Rx4 (2S4Rx4)
Туре	LRDIMM (ECC LR DIMM) 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	SP538121
EAN	4069169000685

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:

ASRock
Motherboard-memory
Mainboard A
ALT Serie
ALTRAD8UD2-1L2Q
2TB
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^{*}The specifications for the maximum memory upgrade may differ from those of the manufacturer ASRock. 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.

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 ASRock ALTRAD8UD2-1L2Q

8GBSP538124DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®16GBSP538125DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®32GBSP538126DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®	
Registered) 32GB SP538126 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered)	
Registered)	
64GB SP538127 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered)	
64GB SP538120 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM)	
128GB SP538128 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS	
128GB SP538122 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM)	
128GB SP538121 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM) 3DS	
256GB SP538129 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS	
256GB SP538123 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM) 3DS	

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.com/-W5Y



Contact Information

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Product Datasheet | SP538121 128GB Computer memory for ALTRAD8UD2-1L2Q



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