

## 256GB Computer memory DDR4 for ASRock Rack EPYC3451D4U-2L2T2O8R RDIMM 3DS





# Your benefits ✓ verified quality memory ✓ 5 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	256GB
Memory technology	DDR4
ECC support	yes
JEDEC Norm	PC4-25600-R
DRAM Organization	3DS 4H 16Gx4
Rank	8Rx4 (2S4Rx4)
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	SP502094
EAN	4067488660306

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	ASRock		
Device type	Motherboard-memory		
Device family	Rack		
Device series	EPYC3400 Serie		
Device name	Rack EPYC3451D4U-2L2T2O8R		
Maximum memory*	1TB		
Number of memory sockets	4		

<sup>\*</sup>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 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 Rack EPYC3451D4U-2L2T2O8R

8GBSP502089DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®8GBSP502086DDR4UDIMM ECC (ECC unbuffered)288 Pin DIMMPHS-memory®16GBSP502090DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®16GBSP502087DDR4UDIMM ECC (ECC unbuffered)288 Pin DIMMPHS-memory®32GBSP502091DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®32GBSP502088DDR4UDIMM ECC (ECC unbuffered)288 Pin DIMMPHS-memory®64GBSP502092DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®128GBSP502093DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®256GBSP502094DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
(ECC unbuffered)           16GB         SP502090         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           16GB         SP502087         DDR4         UDIMM ECC (ECC unbuffered)         288 Pin DIMM         PHS-memory®           32GB         SP502091         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           32GB         SP502088         DDR4         UDIMM ECC (ECC unbuffered)         288 Pin DIMM         PHS-memory®           64GB         SP502092         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           128GB         SP502093         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           256GB         SP502094         DDR4         RDIMM (ECC 288 Pin DIMM         PHS-memory®	8GB	SP502089	DDR4	•	288 Pin DIMM	PHS-memory®	
Registered)           16GB         SP502087         DDR4         UDIMM ECC (ECC unbuffered)         288 Pin DIMM         PHS-memory®           32GB         SP502091         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           32GB         SP502088         DDR4         UDIMM ECC (ECC unbuffered)         288 Pin DIMM         PHS-memory®           64GB         SP502092         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           128GB         SP502093         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           256GB         SP502094         DDR4         RDIMM (ECC 288 Pin DIMM         PHS-memory®	8GB	SP502086	DDR4	(ECC	288 Pin DIMM	PHS-memory®	
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(ECC unbuffered)  64GB SP502092 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered)  128GB SP502093 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS  256GB SP502094 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory®	32GB	SP502091	DDR4	•	288 Pin DIMM	PHS-memory®	
Registered)  128GB SP502093 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS  256GB SP502094 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory®	32GB	SP502088	DDR4	(ECC	288 Pin DIMM	PHS-memory®	
Registered) 3DS  256GB SP502094 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory®	64GB	SP502092	DDR4	•	288 Pin DIMM	PHS-memory®	
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	256GB	SP502094	DDR4	•	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.





#### Contact Information

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#### Product Datasheet | SP502094 256GB Computer memory for Rack EPYC3451D4U-2L2T2O8R



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