

# 16GB Computer memory DDR4 for Asus Z10PE-D16/4L RDIMM





# 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	16GB
Memory technology	DDR4
ECC support	yes
JEDEC Norm	PC4-2133P-R
Туре	RDIMM (ECC Registered)
Number of pins	288 Pin DIMM
Memory data transfer rate	2133MHz @ CL15
Voltage	1,2 Volt
Speciality	-
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	SP146563
EAN	4055069215014

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	Asus		
Device type	Motherboard-memory		
Device family	Mainboard Z		
Device series	Z10P Serie		
Device name	Z10PE-D16/4L		
Maximum memory*	4TB		
Number of memory sockets	16		

<sup>\*</sup> The specifications for the maximum memory upgrade may differ from those of the manufacturer Asus. 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 Asus Z10PE-D16/4L

8GB         SP146564         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           16GB         SP146563         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           32GB         SP341725         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP463453         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           64GB         SP146567         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP463454         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP463451         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP463455         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP463452         DDR4         LRDIMM (ECC LR DIMM) (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
Registered)           32GB         SP341725         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP463453         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           64GB         SP146567         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP463454         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP463451         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP463455         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP463452         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	8GB	SP146564	DDR4	•	288 Pin DIMM	PHS-memory®	
Registered)           64GB         SP463453         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           64GB         SP146567         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP463454         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP463451         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP463455         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP463452         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	16GB	SP146563	DDR4	•	288 Pin DIMM	PHS-memory®	
Registered) 3DS           64GB         SP146567         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP463454         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP463451         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP463455         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP463452         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	32GB	SP341725	DDR4	`	288 Pin DIMM	PHS-memory®	
LR DIMM)         LR DIMM)           128GB         SP463454         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP463451         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP463455         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP463452         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	64GB	SP463453	DDR4	•	288 Pin DIMM	PHS-memory®	
Registered) 3DS           128GB         SP463451         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP463455         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP463452         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	64GB	SP146567	DDR4	•	288 Pin DIMM	PHS-memory®	
LR DIMM) 3DS           256GB         SP463455         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP463452         DDR4         LRDIMM (ECC 288 Pin DIMM PHS-memory®	128GB	SP463454	DDR4	•	288 Pin DIMM	PHS-memory®	
Registered) 3DS  256GB SP463452 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory®	128GB	SP463451	DDR4	•	288 Pin DIMM	PHS-memory®	
·	256GB	SP463455	DDR4	•	288 Pin DIMM	PHS-memory®	
	256GB	SP463452	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.

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

#### Product Datasheet | SP146563 16GB Computer memory for Z10PE-D16/4L



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