

# 48GB Computer memory DDR5 for Asus Z13PE-D16 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	48GB		
Memory technology	DDR5		
ECC support	yes		
JEDEC Norm	PC5-38400-R		
DRAM Organization	3Gx8		
Rank	2Rx8		
Туре	RDIMM (ECC Registered)		
Number of pins	288 Pin DIMM		
Memory data transfer rate	4800MHz		
Voltage	1,1 Volt		
Speciality	-		
Operating temperature	0° C - 85° C		
Storage temperature	-40° C - +95° C		
RoHS compliant	yes		
SKU	SP524991		
EAN	4067488891830		

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	Z13PE Serie		
Device name	Z13PE-D16		
Maximum memory*	4TB / 2TB according to manufacturer		
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 Z13PE-D16

16GBSP524987DDRSRDIMM (ECC Registered)288 Pin DIMMPHS-memory®24GBSP524988DDRSRDIMM (ECC Registered)288 Pin DIMMPHS-memory®32GBSP524990DDRSRDIMM (ECC Registered)288 Pin DIMMPHS-memory®32GBSP524989DDRSRDIMM (ECC Registered)288 Pin DIMMPHS-memory®48GBSP524991DDRSRDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP524993DDRSRDIMM (ECC Registered)288 Pin DIMMPHS-memory®96GBSP524994DDRSRDIMM (ECC Registered)288 Pin DIMMPHS-memory®128GBSP524995DDRSRDIMM (ECC Registered)288 Pin DIMMPHS-memory®256GBSP524996DDRSRDIMM (ECC Registered)288 Pin DIMMPHS-memory®256GBSP524996DDRSRDIMM (ECC Registered)288 Pin DIMMPHS-memory®	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
Registered)           32GB         SP524990         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           32GB         SP524989         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           48GB         SP524991         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP524993         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP524992         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           96GB         SP524994         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           128GB         SP524995         DDR5         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           256GB         SP524996         DDR5         RDIMM (ECC 288 Pin DIMM         PHS-memory®	16GB	SP524987	DDR5	,	288 Pin DIMM	PHS-memory®	
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Registered)  96GB SP524994 DDR5 RDIMM (ECC Registered)  128GB SP524995 DDR5 RDIMM (ECC Registered)  PHS-memory®  REGISTER RDIMM (ECC REGISTER RDIMM PHS-memory®  REGISTER RDIMM (ECC REGISTER RDIMM PHS-memory®  REGISTER RDIMM (ECC REGISTER RDIMM PHS-memory®)	64GB	SP524993	DDR5	•	288 Pin DIMM	PHS-memory®	
Registered)  128GB SP524995 DDR5 RDIMM (ECC Registered) 3DS  256GB SP524996 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory®	64GB	SP524992	DDR5	,	288 Pin DIMM	PHS-memory®	
Registered) 3DS  256GB SP524996 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory®	96GB	SP524994	DDR5	,	288 Pin DIMM	PHS-memory®	
· ·	128GB	SP524995	DDR5	,	288 Pin DIMM	PHS-memory®	
	256GB	SP524996	DDR5	,	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.fr/-W5Y



#### Contact Information

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#### Product Datasheet | SP524991 48GB Computer memory for Z13PE-D16



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