

# 32GB Computer memory DDR3 for Asus Z8PE-D12 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	32GB		
Memory technology	DDR3		
ECC support	yes		
JEDEC Norm	PC3-10600R		
DRAM Organization	2Gx4		
Rank	4Rx4 (4DRx4 DDP)		
Туре	RDIMM (ECC Registered)		
Number of pins	240 Pin DIMM		
Memory data transfer rate	1333MHz @ CL9		
Speciality	DDP		
Board dimensions	133,35 x 30 (LxB mm)		
Operating temperature	0° C - 85° C		
Storage temperature	-40° C - +95° C		
RoHS compliant	yes		
SKU	SP147707		
EAN	4055069221671		

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	Z8 Serie		
Device name	Z8PE-D12		
Maximum memory*	384GB		
Number of memory sockets	12		

<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 allocation

#### Information on memory configuration

The following technical specifications should be considered in advance:

- The device supports ECC DIMM (with error correction code) or RDIMM (Registered DIMM) RAM memories. RDIMM memories are recommended when large memory capacities are to be achieved.
- The different memory technologies (ECC / RDIMM) may not be mixed.
- If a memory expansion is to be made with the already existing RAM memories, it must be checked which memory technology (ECC/ RDIMM) is already installed in the system.
- A higher memory clock of the memory module automatically adapts to the memory clock specified by the system. This can be the case especially with larger capacities.
- Memory slots without a processor may not be used.

#### 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 Z8PE-D12

4GBSP147529DDR3UDIMM ECC (ECC unbuffered)240 Pin DIMMPHS-memory®8GBSP147536DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®8GBSP147530DDR3UDIMM ECC (ECC unbuffered)240 Pin DIMMPHS-memory®16GBSP147531DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®8GBSP147537DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®32GBSP147707DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®16GBSP147532DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®32GBSP147533DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®32GBSP147533DDR3RDIMM (ECC Registered)240 Pin DIMMPHS-memory®	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
Registered)           8GB         SP147530         DDR3         UDIMM ECC (ECC unbuffered)         240 Pin DIMM         PHS-memory®           16GB         SP147531         DDR3         RDIMM (ECC Registered)         240 Pin DIMM         PHS-memory®           8GB         SP147537         DDR3         RDIMM (ECC Registered)         240 Pin DIMM         PHS-memory®           32GB         SP147707         DDR3         RDIMM (ECC Registered)         240 Pin DIMM         PHS-memory®           16GB         SP147532         DDR3         RDIMM (ECC Registered)         240 Pin DIMM         PHS-memory®           32GB         SP147533         DDR3         RDIMM (ECC Registered)         240 Pin DIMM         PHS-memory®	4GB	SP147529	DDR3	(ECC	240 Pin DIMM	PHS-memory®	
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Registered)  Registered)  Registered)  RDIMM (ECC Registered)  PHS-memory®  RDIMM (ECC Registered)  RDIMM (ECC 240 Pin DIMM PHS-memory®  RDIMM (ECC Registered)  RDIMM (ECC 240 Pin DIMM PHS-memory®  RDIMM (ECC 240 Pin DIMM PHS-memory®	16GB	SP147531	DDR3	•	240 Pin DIMM	PHS-memory®	
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	32GB	SP147533	DDR3	•	240 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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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

#### Product Datasheet | SP147707 32GB Computer memory for Z8PE-D12

