

# 128GB Computer memory DDR5 for Asus ESC4000A-E12 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	128GB			
Memory technology	DDR5			
ECC support	ja			
JEDEC Norm	PC5-38400-R			
DRAM Organization	3DS 2H 8Gx4			
Rank	4Rx4 (2S2Rx4)			
<b>Type</b> RDIMM (ECC Registered) 3DS				
Number of pins	288 Pin DIMM			
Memory data transfer rate	4800MHz			
Voltage	1,1 Volt			
Speciality	3DS			
Operating temperature	0° C - 85° C			
Storage temperature	-40° C - +95° C			
RoHS compliant	Yes			
SKU	SP488157			
EAN	4067488519871			

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	Server
Device family	Server E
Device series	ESC4000 Serie
Device name	ESC4000A-E12
Maximum memory*	ЗТВ
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 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.
- 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 ESC4000A-E12

16GBSP488149DDR5RDIMM (ECC Registered)288 Pin DIMMPHS-memory®24GBSP488150DDR5RDIMM (ECC Registered)288 Pin DIMMPHS-memory®32GBSP488152DDR5RDIMM (ECC Registered)288 Pin DIMMPHS-memory®32GBSP488151DDR5RDIMM (ECC Registered)288 Pin DIMMPHS-memory®48GBSP488153DDR5RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP488155DDR5RDIMM (ECC Registered)288 Pin DIMMPHS-memory®	Size	SKU	Size	Technology	SKU	Туре	Number of pins	Brand	Reference no.
Registered)  32GB SP488152 DDR5 RDIMM (ECC Registered)  32GB SP488151 DDR5 RDIMM (ECC Registered)  48GB SP488153 DDR5 RDIMM (ECC Registered)  PHS-memory®  RDIMM (ECC Registered)	16GB	SP488149	16GB	DDR5	SP488149	•	288 Pin DIMM	PHS-memory®	
Registered)  Registered)  Registered)  RDIMM (ECC Registered)	24GB	SP488150	24GB	DDR5	SP488150	•	288 Pin DIMM	PHS-memory®	
Registered)  48GB SP488153 DDR5 RDIMM (ECC Registered)  64GB SP488155 DDR5 RDIMM (ECC Registered)  RDIMM (ECC Registered)  PHS-memory® Registered)	32GB	SP488152	32GB	DDR5	SP488152	•	288 Pin DIMM	PHS-memory®	
Registered)  64GB SP488155 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered)	32GB	SP488151	32GB	DDR5	SP488151	•	288 Pin DIMM	PHS-memory®	
Registered)	48GB	SP488153	48GB	DDR5	SP488153	•	288 Pin DIMM	PHS-memory®	
	64GB	SP488155	64GB	DDR5	SP488155	•	288 Pin DIMM	PHS-memory®	
64GB SP488154 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered)	64GB	SP488154	64GB	DDR5	SP488154	•	288 Pin DIMM	PHS-memory®	
96GB SP488156 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered)	96GB	SP488156	96GB	DDR5	SP488156	•	288 Pin DIMM	PHS-memory®	
128GB SP488157 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS	128GB	SP488157	128GB	DDR5	SP488157	•	288 Pin DIMM	PHS-memory®	
256GB SP488158 DDR5 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS	256GB	SP488158	256GB	DDR5	SP488158	•	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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### Product Datasheet | SP488157 128GB Computer memory for ESC4000A-E12



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