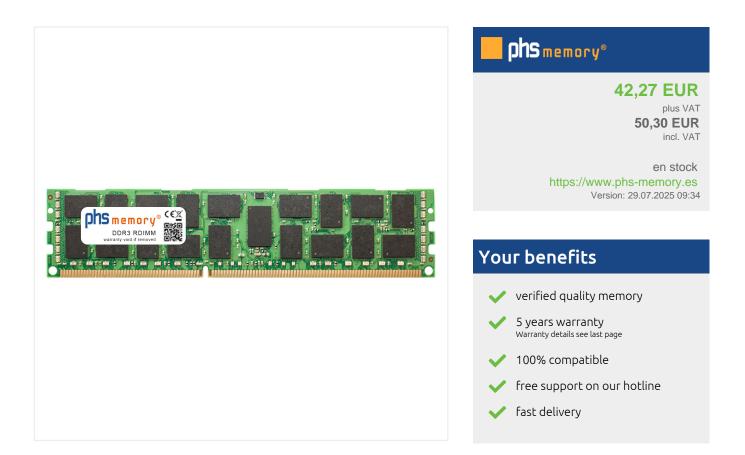
phs memory®

16GB Computer memory DDR3 for ASRock EPC612D8 RDIMM



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

4	- 133.35mm		
DR3 RDIM warranty void if removed 54.68mm		17.3mm 9.5mm	30mm

Memory technologyDDR3FCC supportyesJEDEC NormPC3-12800RJEDEC Norm1Gx4Rank2Rx4TypeRDIM (ECC Registered)Number of pins240 Pin DIMMMemory data transfer rate1600MHz @ CL11Speciality-, DDPBoard dimensions0° C - 85° CGrorage temperature-40° C - +95° CRoHS compliantSP473353FAN406748836860	Memory size	16GB
JEDEC NormPC3-12800RDRAM Organization1Gx4Rank2Rx4TypeRDIMM (ECC Registered)Number of pins240 Pin DIMMMemory data transfer rate1600MHz @CL11Speciality-,DDPBoard dimensions0°C - 85° COperating temperature-40° C - +95° CRoHS compliantyesSKUSP473353	Memory technology	DDR3
DRAM Organization1Gx4DRAM Organization1Gx4Rank2Rx4TypeRDIMM (ECC Registered)Number of pins240 Pin DIMMMemory data transfer rate1600MHz @ CL11Speciality-, DDPBoard dimensions13,35 x 30 (LxB mm)Operating temperature0° C - 85° CStorage temperatureyesSKUSP473353	ECC support	yes
Rank2Rx4TypeRDIMM (ECC Registered)Number of pins240 Pin DIMMMemory data transfer rate1600MHz @ CL11Speciality-, DDPBoard dimensions133,35 x 30 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantSP473353	JEDEC Norm	PC3-12800R
TypeRDIMM (ECC Registered)Number of pins240 Pin DIMMMemory data transfer rate1600MHz @ CL11Speciality-, DDPBoard dimensions133,35 x 30 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantyesSKUSP473353	DRAM Organization	1Gx4
Number of pins240 Pin DIMMMemory data transfer rate1600MHz @ CL11Speciality-, DDPBoard dimensions133,35 x 30 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantyesSKUSP473353	Rank	2Rx4
Memory data transfer rate1600MHz@CL11Speciality-, DDPBoard dimensions133,35 x 30 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantyesSKUSP473353	Туре	RDIMM (ECC Registered)
Speciality-, DDPBoard dimensions133,35 x 30 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantyesSKUSP473353	Number of pins	240 Pin DIMM
Board dimensions 133,35 x 30 (LxB mm) Operating temperature 0° C - 85° C Storage temperature -40° C - +95° C RoHS compliant yes SKU SP473353	Memory data transfer rate	1600MHz @ CL11
Operating temperature 0° C - 85° C Storage temperature -40° C - +95° C RoHS compliant yes SKU SP473353	Speciality	-, DDP
Storage temperature-40° C - +95° CRoHS compliantyesSKUSP473353	Board dimensions	133,35 x 30 (LxB mm)
RoHS compliantyesSKUSP473353	Operating temperature	0° C - 85° C
SKU SP473353	Storage temperature	-40° C - +95° C
	RoHS compliant	yes
EAN 4067488368660	SKU	SP473353
	EAN	4067488368660
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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	Server
Device family	Server Mainboard
Device series	EPC612
Device name	EPC612D8
Maximum memory*	256GB
Number of memory sockets	8

* 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 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.
- Memory slots without a processor may not be used.
- 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.
- When using 4Rank (4Rx..) RDIMM memories, only 2 of 3 memory slots can be used per memory channel.

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.

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Further memory options for ASRock EPC612D8

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
8GB	SP473352	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
16GB	SP473353	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
32GB	SP473354	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
32GB	SP246035	DDR3	LRDIMM (ECC LR DIMM)	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.



For more information on warranty and service please visit https://www.phs-memory.es/-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 shop at https://www.phs-memory.es