

# 4GB Computer memory DDR3 for HP ProLiant DL580 R07 UDIMM ECC







#### 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	4GB		
Memory technology	DDR3		
ECC support	ja		
JEDEC Norm	PC3-10600E		
DRAM Organization	256Mx8		
Rank	2Rx8		
Туре	UDIMM ECC (ECC unbuffered)		
Number of pins	240 Pin DIMM		
Memory data transfer rate	1333MHz @ CL9		
Speciality	-		
Board dimensions	133,35 x 30 (LxB mm)		
Operating temperature	0° C - 85° C		
Storage temperature	-40° C - +95° C		
RoHS compliant	Yes		
SKU	SP264828		
EAN	4063369332768		

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	HP	
Device type	Server	
Device family	ProLiant	
Device series	DL580 Serie	
Device name	ProLiant DL580 R07	
Maximum memory*	2TB	
Number of memory sockets	64	

<sup>\*</sup> The specifications for the maximum memory upgrade may differ from those of the manufacturer HP. 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 memory slots are organized in groups of 4.
- An assembly with less than 4 memories is not recommended.
- Optimum performance is achieved by using 8 or 16 identical memories per CPU. The memories should be used per CPU via two memory boards.
- The memory should be populated identically per CPU (mirrored to the other CPU).
- 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.
- 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.

### 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

#### Product Datasheet | SP264828 4GB Computer memory for ProLiant DL580 R07



General installation instructions are supplied by E-Mail.



### Further memory options for HP ProLiant DL580 R07

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
4GB	SP264828	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
8GB	SP264833	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	500662-B21
8GB	SP264829	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
16GB	SP264830	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	627812-B21
32GB	SP264831	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	627814-B21

#### 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.es