

# 4GB Computer memory DDR3 for HP ProLiant SL160s Gen6 (G6) 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	yes		
JEDEC Norm	PC3-10600E		
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	SP180443		
EAN	4055069496369		

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	SL160 Serie		
Device name	ProLiant SL160s Gen6 (G6)		
Standard memory	12GB (3x4GB)		
Maximum memory*	192GB		
Number of memory sockets	12		
Annotation	UDIMM ECC memory and RDIMM (Registered) server memory can not be shared.		

<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

## Bestückung der Computer memory

To achieve good system performance, it is recommended to distribute the memory evenly among the memory slots and evenly among the CPUs.

## 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 HP ProLiant SL160s Gen6 (G6)

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
4GB	SP180443	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	501541-001
8GB	SP180441	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	606427-001
8GB	SP464613	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
16GB	SP180419	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	501538-001

### 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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