

8GB Computer memory DDR3 for HP ProLiant DL120 Gen6 (G6) UDIMM ECC



phs memory®

32,27 EUR

plus VAT

38,40 EUR

incl. VAT

en stock

<https://www.phs-memory.es>

Version: 06.09.2025 06:55

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	8GB
Memory technology	DDR3
ECC support	ja
JEDEC Norm	PC3-10600E
DRAM Organization	512Mx8
Rank	2Rx8
Type	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	SP462940
EAN	4067488264450

overRAMing - maximize your RAM



overRAMing Project

Most systems - including the HP ProLiant DL120 Gen6 (G6) - can be upgraded with more memory than originally specified by the device manufacturer.

Therefore, our memory specialists continuously analyze new memory solutions in selected systems. Due to improved manufacturing technologies, new memories with higher performance and capacity will be tested for stability and functionality.

Then the new memory solutions are released for the respective systems. Use the benefits of larger computer memory capacity with the PHS-memory® overRAMing memory solutions.

<https://www.phs-memory.es/-BOR>

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	DL120 Serie
Device name	ProLiant DL120 Gen6 (G6)
Maximum memory*	48GB / 16GB according to manufacturer
Number of memory sockets	6
Annotation	With XEON CPU ECC UDIMM and RDIMM memory can be used, in systems with Celeron, Pentium or core i3 CPU only ECC UDIMM memories. With ECC UDIMM maximum 16GB, RDIMM maximum 32GB. ECC UDIMM and RDIMM memory must not be mixed.

* 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.

Memory modules with our overRAMing-symbol are approved by us for maximum memory expansion.

Information on memory allocation

Computer memory configuration in HP ProLiant DL120 G6

Our memory team will be happy to help you choose the right memory and configure your server.

DIMM ECC memory and RDIMM (Registered) serverspeicher können nicht gemeinsam eingesetzt werden. The deployment of ECC UDIMM memories or ECC RDIMM memories depends on the existing CPU.

DL120 G6 server with CPU	max memory
Xeon X3430	32GB RDIMM or 16GB ECC UDIMM
Xeon X3440	32GB RDIMM or 16GB ECC UDIMM
Xeon X3450	32GB RDIMM or 16GB ECC UDIMM
Xeon X3460	32GB RDIMM or 16GB ECC UDIMM
Xeon X3470	32GB RDIMM or 16GB ECC UDIMM
Celeron G1101	16GB ECC UDIMM (4x4GB), kein RDIMM
Pentium G6950	16GB ECC UDIMM (4x4GB), kein RDIMM
Xeon L3406	16GB ECC UDIMM (4x4GB), kein RDIMM
Core i3-530	16GB ECC UDIMM (4x4GB), kein RDIMM
Core i3-540	16GB ECC UDIMM (4x4GB), kein RDIMM

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 DL120 Gen6 (G6)

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
4GB	SP123069	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	500672-B21
8GB	SP462940	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
8GB	SP123071	DDR3	RDIMM (ECC Registered)	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

PHS-electronic gmbh
- www.phs-memory.es -
Karl-Götz-Str. 5
97424 Schweinfurt
Alemania

Phone: +49 9721 784678
E-Mail: info@phs-memory.es
Web: www.phs-memory.es

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>