

16GB Computer memory DDR3 for HP ProLiant ML370 Gen6 (G6) RDIMM



phs memory®

42,27 EUR

plus VAT

50,30 EUR

incl. VAT

in magazzino

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

Version: 25.05.2025 10:30

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	16GB
Memory technology	DDR3
ECC support	yes
JEDEC Norm	PC3L-10600R
DRAM Organization	1Gx4
Rank	2Rx4
Type	RDIMM (ECC Registered)
Number of pins	240 Pin DIMM
Memory data transfer rate	1333MHz @ CL9
Voltage	1,35 Volt
Speciality	-, DDP
Board dimensions	133,35 x 30 (LxB mm)
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	yes
SKU	SP180082
EAN	4055069015775

overRAMing - maximize your RAM



Most systems - including the HP ProLiant ML370 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.it/-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 system:

System manufacturer	HP
Device type	Server
Device family	ProLiant
Device series	ML370 Serie
Device name	ProLiant ML370 Gen6 (G6)
Maximum memory*	288GB / 192GB according to manufacturer
Number of memory sockets	18
Annotation	Don't mix ECC UDIMM and RDIMM server memory in one system. Both technologies can be used and extended without any problems alone.

* 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

Which memory configuration is possible?

Your server has 9 memory slots per CPU that are organized in 3 slot groups of 3 slots each. Es können nur die memorysteckplätze genutzt werden, bei denen die jeweilige CPU vorhanden ist.

Technologie	max. RAM Count * max capacity	max. Total-capacity
UDIMM ECC	12 x 4GB UDIMM ECC	48GB
RDIMM	18 x 8GB RDIMM	144GB
RDIMM	12 x 16GB RDIMM	192GB

UDIMM ECC memory and RDIMM (Registered) server memory can not be shared. Bei einer Aufrüstung sollten Sie deshalb wissen, welche memory bereits vorhanden sind, or komplett auf RDIMMcomputer memory upgrade.

Principles of memory assembly

- Die memorysteckplätze sind in 3er Gruppen organisiert
- Pro 3er Gruppe jeweils nur max. 2 Slots for UDIMM ECC memory
- Pro 3er Gruppe jeweils nur max. 2 Slots for 4Rank RDIMM memory
- Die verschiedenen 3er Slotgruppen müssen nicht die gleichen capacityen haben
- Es können nur die memorysteckplätze genutzt werden, bei denen die jeweilige CPU vorhanden ist.

Memory configuration for good system performance

- Verteilen Sie die memory gleichmäßig auf die memorysteckplätze and gleichmäßig auf die CPUs
- Bei jeweils 3 gleichen memoryn pro 3er Slotgruppe, ist die Performance until zum 3fachen schneller gegenüber einer Bestückung der 3er Slotgruppe with nur einem memory
- Wenn mehr als eine CPU vorhanden sind, sollten die memory pro CPU identisch (gespiegelt zur anderen CPU) bestückt werden.

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 ML370 Gen6 (G6)

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
4GB	SP102663	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	500672-B21
8GB	SP102661	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	604506-B21
8GB	SP462806	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
16GB	SP180082	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	627812-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.

For more information on warranty and service please visit <https://www.phs-memory.it/-W5Y>



Contact Information

PHS-electronic gmbh
- www.phs-memory.it -
Karl-Götz-Str. 5
97424 Schweinfurt
Germania

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

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>