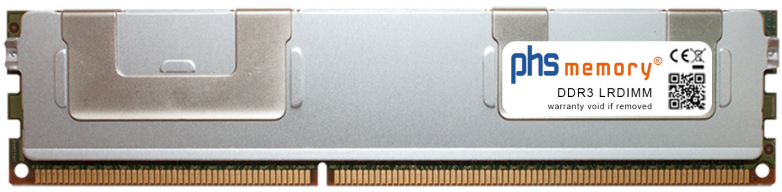
32GB Computer memory DDR3 for HP ProLiant BL660c Gen8 (G8) LRDIMM



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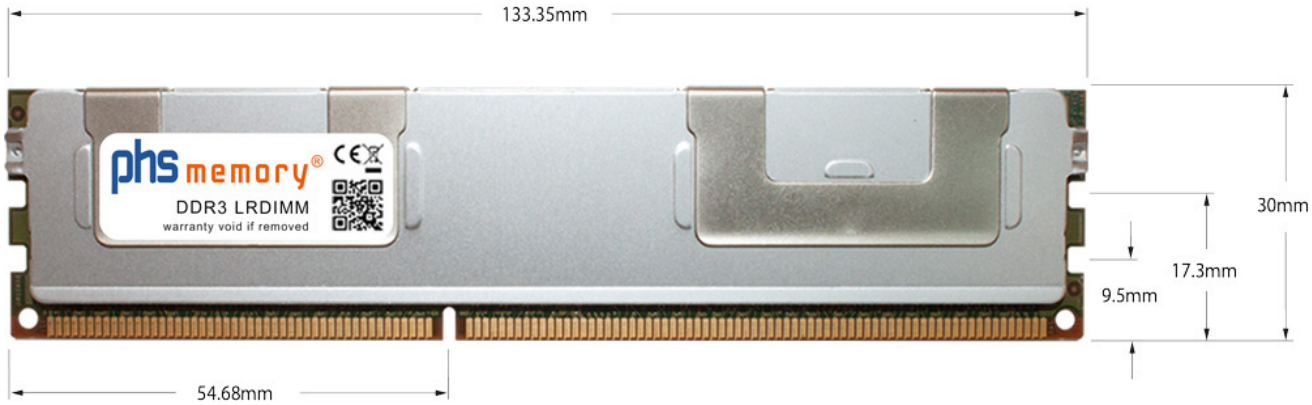
Memory Specification



Memory size	32GB
Memory technology	DDR3
ECC support	ja
JEDEC Norm	PC3L-12800L
DRAM Organization	2Gx4
Rank	4Rx4 (4DRx4 DDP)
Type	LRDIMM (ECC LR DIMM)
Number of pins	240 Pin DIMM
Memory data transfer rate	1600MHz @ CL11
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	SP170133
EAN	4055069399981

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.

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System Specifications

The memory is 100% compatible with this sytem:

System manufacturer	HP
Device type	Server
Device family	ProLiant
Device series	BL660 Serie
Device name	ProLiant BL660c Gen8 (G8)
Maximum memory*	1TB
Number of memory sockets	32

* 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:

- In the device, you can install RDIMM (Registered DIMM) or LRDIMM (Load Reduced DIMM) RAM memory modules. LRDIMM memory is recommended when aiming for large memory capacities.
- RDIMM memory modules cannot be used together with LRDIMM memories.
- If a memory expansion is to be used with existing RAM memories, it must be checked which memory technology (RDIMM / LRDIMM) is already installed in the device.
- 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.
- The low voltage memories with 1.35V are clocked with 1.5V when mixed with 1.5V memories via the fallback option in the memory.
- Each CPU has 4 memory channels with 3 memory slots each.

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

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General installation instructions are supplied by E-Mail.

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Further memory options for HP ProLiant BL660c Gen8 (G8)

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
8GB	SP170136	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	647899-B21, 731761-B21, 708639-B21, 690802-B21, 698807-001, 689911-071
16GB	SP170134	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	672631-B21, 684031-001, 672612-081
32GB	SP464518	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
32GB	SP170133	DDR3	LRDIMM (ECC LR DIMM)	240 Pin DIMM	PHS-memory®	647903-B21, 664693-001, 647654-081

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.fr/-W5Y

5 Jahre Garantie

Contact Information

PHS-electronic gmbh
- www.phs-memory.fr -
Karl-Götz-Str. 5
97424 Schweinfurt
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Phone: +49 9721 784678
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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.fr

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