

32GB Computer memory DDR3 for HP ProLiant BL460c Gen8 (G8) (Xeon E5-2600 V2) RDIMM



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93,78 EUR

plus VAT

111,60 EUR

incl. VAT

immediately available

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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	32GB
Memory technology	DDR3
ECC support	yes
JEDEC Norm	PC3L-12800R
DRAM Organization	2Gx4
Rank	4Rx4 (4DRx4 DDP)
Type	RDIMM (ECC Registered)
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	SP464456
EAN	4067488279683

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	BL460 Serie
Device name	ProLiant BL460c Gen8 (G8) (Xeon E5-2600 V2)
Maximum memory*	512GB
Number of memory sockets	16

* 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

Computer memory configuration - HP ProLiant BL460c Gen8 with Xeon CPU der E5-2600 V2 series

ProLiant server with Xeon CPU	CTO Number	
	DIMM Slot 1CPU	DIMM Slot 2CPU
HP BL460c Gen8 Xeon E5-2603v2	8	16
HP BL460c Gen8 Xeon E5-2609v2	8	16
HP BL460c Gen8 Xeon E5-2620v2	8	16
HP BL460c Gen8 Xeon E5-2630Lv2	8	16
HP BL460c Gen8 Xeon E5-2630v2	8	16
	6	12

HP BL460c Gen8 Xeon E5-2637v2			718368-B21
	8	16	
HP BL460c Gen8 Xeon E5-2640v2			718359-B21
	6	12	
HP BL460c Gen8 Xeon E5-2643v2			718367-B21
	8	16	
HP BL460c Gen8 Xeon E5-2650Lv2			718364-B21
	8	16	
HP BL460c Gen8 Xeon E5-2650v2			718358-B21
	8	16	
HP BL460c Gen8 Xeon E5-2660v2			718058-B21
	6	12	
HP BL460c Gen8 Xeon E5-2667v2			718366-B21
	8	16	
HP BL460c Gen8 Xeon E5-2670v2			718057-B21
	8	16	
HP BL460c Gen8 Xeon E5-2680v2			718056-B21
	8	16	
HP BL460c Gen8 Xeon E5-2690v2			718055-B21
	8	16	
HP BL460c Gen8 Xeon E5-2695v2			718054-B21
	8	16	
HP BL460c Gen8 Xeon E5-2697v2			718045-B21

Maximale memorybestückung nach memory technology and servertyp (s.Tabelle oben)

Technology	1 CPU 8Dimm	1 CPU 6DIMM	2 CPU 16DIMM	2CPU 12DIMM
UDIMM ECC	64GB (8x8GB ECC UDIMM)	48GB (6x8GB ECC UDIMM)	128GB (16x8GB ECC UDIMM)	96GB (12x8GB ECC UDIMM)
RDIMM 2Rank	128GB (8x16GB RDIMM)	96GB (6x16GB RDIMM)	256GB (16x16GB RDIMM)	128GB (12x16GB RDIMM)
LRDIMM	256GB (8x32GB LRDIMM)	192GB (6x32GB LRDIMM)	512GB (16x32GB LRDIMM)	384GB (12x32GB LRDIMM)

Principles of memory assembly

- ECC DIMM, Registered DIMM and Load Reduced LRDIMM memory modules must not be mixed
- memorysteckplätze for die kein Prozessor vorhanden ist dürfen nicht bestückt werden

Memory configuration for good system performance

- Verteilen Sie die memory gleichmäßig auf die memorysteckplätze and gleichmäßig auf die CPUs
- 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 BL460c Gen8 (G8) (Xeon E5-2600 V2)

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
8GB	SP165155	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	731765-B21, 713983-B21, 731765-0821, 735302-001, 731656-081
8GB	SP165149	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	713979-B21
16GB	SP165152	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	713985-B21
32GB	SP165151	DDR3	LRDIMM (ECC LR DIMM)	240 Pin DIMM	PHS-memory®	708643-B21
32GB	SP464456	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.com/-W5Y>



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