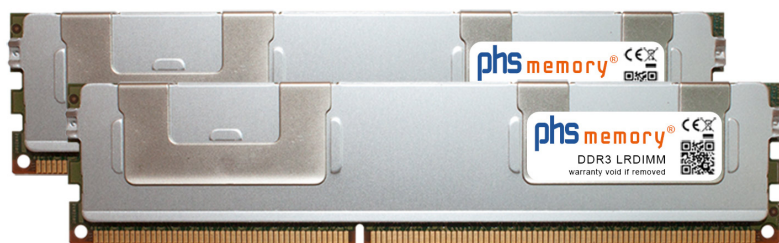


64GB (2x32GB) Kit Computer memory DDR3 for Cisco UCS C460 M4 Xeon E7-x800 V2 LRDIMM



phs memory®

142,02 EUR

plus VAT

169,00 EUR

incl. VAT

in magazzino

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

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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.
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- 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-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	SP232082
EAN	4055069998184

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	Cisco
Device type	Server
Device family	UCS
Device series	C400 Serie
Device name	UCS C460 M4 Xeon E7-x800 V2
Maximum memory*	3TB
Number of memory sockets	48
Annotation	Server memory DDR3 LRDIMM and DDR3 RDIMM Ram for UCS C460 M4 with Xeon E7-2800 v2 UCS C460 M4 with Xeon E7-4800 v2 USC C460 M4 with Xeon E7-8800 v2 You can use RDIMM and LRDIMM memory but not mixed with each other.

* The specifications for the maximum memory upgrade may differ from those of the manufacturer Cisco. 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

Which memory configuration is possible?

Gerne supports Sie unser memoryteam bei der Wahl des richtigen Computer memorys and Konfiguration Ihres Servers with DDR3 LRDIMM and DDR3 RDIMM Ram for

- UCS C460 M4 with Xeon E7-2800 v2
- UCS C460 M4 with Xeon E7-4800 v2
- USC C460 M4 with Xeon E7-8800 v2

Technologie	max.Ram Ausstattung
RDIMM	768GB (48x16GB RDIMM)
LRDIMM	3TB (48x64GB LRDIMM)

Registered DIMM and Load Reduced LRDIMM memory modules must not be mixed. Bei einer Aufrüstung sollten Sie deshalb wissen, welche memory bereits vorhanden sind or komplett with LRDIMMcomputer memory upgrade.

Principles of memory assembly

- Eine CPU ist with 2 memorycontrollern ausgestattet. Jeder memorycontroller verfügt über 2 SMI (Scalable Memory Interface) with until zu 6 memory memory slotsn. Sowith kann eine CPU until zu 24 RAM memory adressieren (2 Controller x 2 SMI x 6 DIMM memory slots)

- Registered DIMM and Load Reduced LRDIMM memory modules must not be mixed
- Bei einer Aufrüstung sollten Sie deshalb wissen, welche memory bereits vorhanden sind or komplett with LRDIMMcomputer memory upgrade.
- memorysteckplätze for die kein Prozessor vorhanden ist dürfen nicht bestückt werden

Memory configuration for good system performance

- Optimal performance is achieved by 4 or 8 identical memories per CPU.
- When equipped with 8 DIMMs (1 DimmPerChannel) , 16 DIMMs (2 DPC) or 24 DIMMs (3 DPC) per CPU, interleaving is optimally supported via the memory controllers and memory channels. This enables maximum performance in independent mode and lockstep mode.
- Assemblies with 2 DIMMs, 6 DIMMs or 10 DIMMs per CPU are not recommended.
- Distribute the memory evenly among the memory slots and equally among the 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 Cisco UCS C460 M4 Xeon E7-x800 V2

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
8GB	SP232085	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	UCS-MR-2X082RY-E, UCS-MR-1X082RY-A, UCS-MR-1X082RY-E
16GB	SP232084	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	UCS-MR-2X162RY-E, UCS-MR-1X162RY-E, UCS-MR-1X162RY-A
32GB	SP465910	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
32GB	SP232082	DDR3	LRDIMM (ECC LR DIMM)	240 Pin DIMM	PHS-memory®	UCS-ML-2X324RY-E, UCS-ML-1X324RY-A, UCS-ML-1X324RY-E

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>



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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.it>