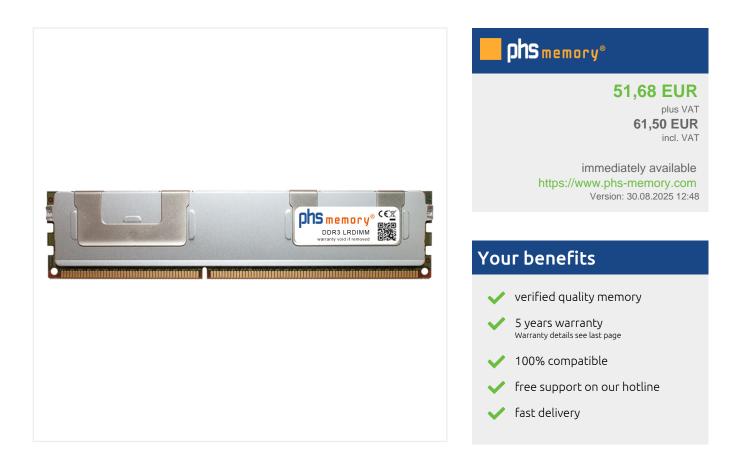
phs memory®

32GB Computer memory DDR3 for Cisco UCS C22 M3 LRDIMM



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

1:	33.35mm
DDR3 LRDIMM warranty void if removed	30mm 9.5mm
◄ 54.68mm	

Memory size	32GB			
Memory technology	DDR3			
ECC support	ја			
JEDEC Norm	PC3L-12800L			
DRAM Organization	2Gx4			
Rank	4Rx4 (4DRx4 DDP)			
Туре	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	SP234337			
EAN	4063369022195			

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	C200 Serie
Device name	UCS C22 M3
Maximum memory*	384GB
Number of memory sockets	12
Annotation	Registered DIMM and Load Reduced LRDIMM memory modules must not be mixed. Memory slots for which no processor is available must not be equipped.

* 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 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 C22 M3

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
8GB	SP234339	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	UCS- MR-1X082RY-A, UCS- MR-1X082RY-E
16GB	SP234338	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	UCS- MR-1X162RY-A, UCS- MR-1X162RY-E
32GB	SP466022	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
32GB	SP234337	DDR3	LRDIMM (ECC LR DIMM)	240 Pin DIMM	PHS-memory®	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.com/-W5Y



Contact Information

PHS-electronic gmbh - www.phs-memory.com -Karl-Götz-Str. 5 97424 Schweinfurt Germany Phone: +49 9721 784678 E-Mail: info@phs-memory.com Web: www.phs-memory.com

All information without guarantee. Technical changes and errors excepted. You can find current price information in our online shop at https://www.phs-memory.com