

32GB Computer memory DDR4 for Cisco UCS C460 M4 Xeon E7-x800 V3 RDIMM





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	DDR4
ECC support	ja
JEDEC Norm	PC4-19200R
DRAM Organization	2Gx4
Rank	2Rx4
Туре	RDIMM (ECC Registered)
Number of pins	288 Pin DIMM
Memory data transfer rate	2400MHz @ CL17
Voltage	1,2 Volt
Speciality	-
Board dimensions	133,35 x 31,25 (LxB mm)
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	Yes
SKU	SP232089
EAN	4055069998245

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 V3
Maximum memory*	12TB
Number of memory sockets	96
Device family Device series Device name Maximum memory*	UCS C400 Serie UCS C460 M4 Xeon E7-x800 V3 12TB

^{*}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

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.
- When using a multiprocessor system, the memory slots should always be configured identically for each CPU.
- 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.

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 V3

8GB SP232090 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® UCS-MR-1X081RU-0 UCS-MR-1X081RU-0 UCS-MR-1X081RU-0 UCS-MR-1X081RU-0 UCS-MR-1X081RU-0 UCS-MR-1X162RU-0 MR-1X162RU-0 MR-1X162RU-0 MR-1X162RU-0 UCS-MR-1X322RU-0 UCS-MR-1X644RU-0 UCS-ML-1X644RU-0 UCS-ML-1X644RU
Registered) MR-1X162RU-0 32GB SP232089 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® MR-1X322RU-0 UCS-MR-1X322RU-0 MR-1X322RU-0
Registered) MR-1X322RU-0 UCS- MR-1X644RU-0 UCS- MR-1X644RU-0 UCS- ML-1X644RU-0 UCS- MR-1X322RU-0 UCS- MR-1X32RU-0 UCS- MR-1X32RU-0 UCS- MR-1X32RU-0 UCS- MR-1X32RU-0 UCS- MR-1X32RU-0 UCS- MR-1
Registered) 64GB SP232087 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® UCS- LR DIMM) ML-1X644RU-C UCS- ML-1X644RV-A UCS-ML-
LR DIMM) ML-1X644RU-0 UCS- ML-1X644RV-A UCS-ML-
S-ML-X64G4RS H
128GB SP453666 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS
128GB SP453664 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM)

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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Product Datasheet | SP232089 32GB Computer memory for UCS C460 M4 Xeon E7-x800 V3



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