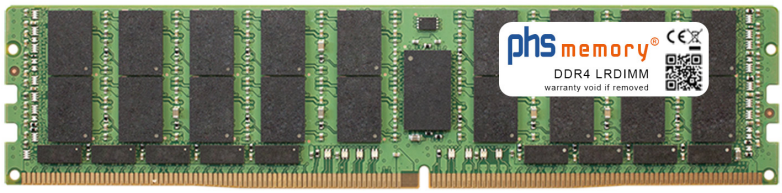
64GB Computer memory DDR4 for Cisco UCS C460 M4 Xeon E7-x800 V3 LRDIMM



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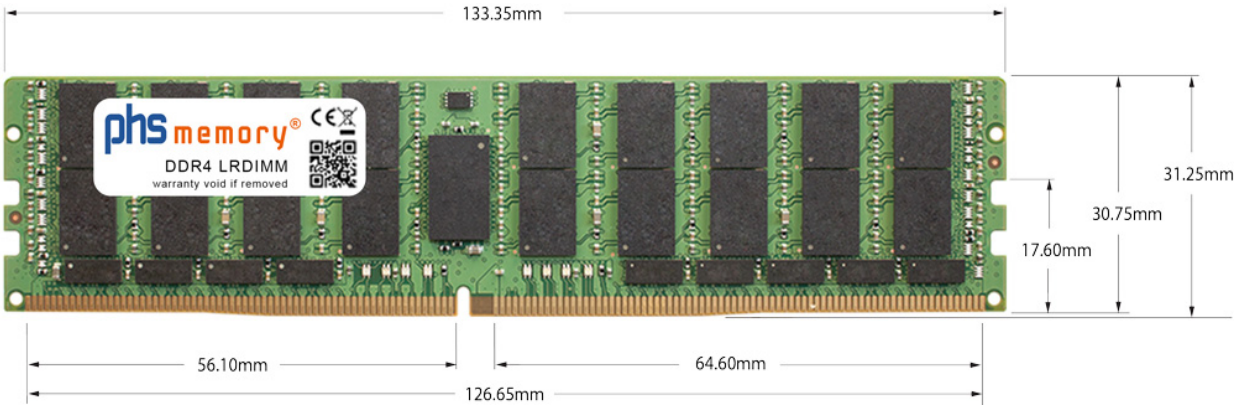
Memory Specification



Memory size	64GB
Memory technology	DDR4
ECC support	ja
JEDEC Norm	PC4-19200
DRAM Organization	4Gx4
Rank	2Rx4
Type	LRDIMM (ECC LR DIMM)
Number of pins	288 Pin DIMM
Memory data transfer rate	2400MHz @ CL17
Voltage	1,2 Volt
Speciality	-, DDP
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	SP232087
EAN	4055069998238

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	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

* 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.

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Further memory options for Cisco UCS C460 M4 Xeon E7-x800 V3

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
8GB	SP232090	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	UCS-MR-1X081RU-G, UCS-MR-1X081RU-A
16GB	SP232092	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	UCS-MR-1X162RU-G
32GB	SP232089	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	UCS-MR-1X322RU-G, UCS-MR-1X322RU-A
64GB	SP453665	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
64GB	SP232087	DDR4	LRDIMM (ECC LR DIMM)	288 Pin DIMM	PHS-memory®	UCS-ML-1X644RU-G, UCS-ML-1X644RV-A, UCS-ML-X64G4RT-H, UCS-ML-X64G4RS-H
128GB	SP453666	DDR4	RDIMM (ECC Registered) 3DS	288 Pin DIMM	PHS-memory®	
128GB	SP453664	DDR4	LRDIMM (ECC LR DIMM)	288 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.es/-W5Y

5 Jahre Garantie

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