

## 64GB Computer memory DDR4 for ORACLE X5-2L RDIMM 3DS





# 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	64GB			
Memory technology	DDR4			
ECC support	yes			
JEDEC Norm	PC4-2666V-R			
DRAM Organization	3DS 2H 4Gx4			
Rank	4Rx4 (2S2Rx4)			
Туре	RDIMM (ECC Registered) 3DS			
Number of pins	288 Pin DIMM			
Memory data transfer rate	2666MHz @ CL19			
Voltage	1,2 Volt			
Speciality	3DS			
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	SP466060			
EAN	4067488295874			

### overRAMing - maximize your RAM



Most systems - including the ORACLE X5-2L - can be upgraded with more memory than originally specified by the device manufacturer.

Therefore, our memory specialists continuously analyze new memory solutions in selected systems. Due to improved manufacturing technologies, new memories with higher performance and capacity will be tested for stability and functionality.

Then the new memory solutions are released for the respective systems. Use the benefits of larger computer memory capacity with the PHSmemory® overRAMing memory solutions.

https://www.phs-memory.es/-BOR

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:

Device type     Server       Device family     Server X       Device series     X5 Serie       Device name     X5-2L	System manufacturer	ORACLE
Device series X5 Serie  Device name X5-2L	Device type	Server
Device name X5-2L	Device family	Server X
70	Device series	X5 Serie
Maximum memory* 6TB / 768CB according to	Device name	X5-2L
manufacturer	Maximum memory*	6TB / 768GB according to manufacturer
Number of memory sockets 24	Number of memory sockets	24

<sup>\*</sup> The specifications for the maximum memory upgrade may differ from those of the manufacturer ORACLE. 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.

Memory modules with our overRAMing-symbol are approved by us for maximum memory expansion.

#### Information on memory allocation

#### Information on memory configuration

Folgende technischen Gegebenheiten sollte im Vorfeld beachtet werden:

- Für jeden installierten Prozessor können 12 Computer memory installiert werden
- 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.

#### 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 ORACLE X5-2L

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
8GB	SP236673	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	7110308
16GB	SP236672	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	7110309
32GB	SP466059	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
64GB	SP466060	DDR4	RDIMM (ECC Registered) 3DS	288 Pin DIMM	PHS-memory®	
128GB	SP466061	DDR4	RDIMM (ECC Registered) 3DS	288 Pin DIMM	PHS-memory®	
256GB	SP466062	DDR4	RDIMM (ECC Registered) 3DS	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



#### Contact Information

PHS-electronic gmbh
- www.phs-memory.es Karl-Götz-Str. 5
97424 Schweinfurt
Alemania

Phone: +49 9721 784678 E-Mail: info@phs-memory.es Web: www.phs-memory.es

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