

## 256GB Computer memory DDR4 for Huawei FusionServer 2288H V5 LRDIMM 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	256GB		
Memory technology	DDR4		
ECC support	yes		
JEDEC Norm	PC4-25600-L		
DRAM Organization	3DS 4H 16Gx4		
Rank	8Rx4 (2S4Rx4)		
Туре	LRDIMM (ECC LR DIMM) 3DS		
Number of pins	288 Pin DIMM		
Memory data transfer rate	3200MHz @ CL22		
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	SP545501		
EAN	4069169134885		

### overRAMing - maximize your RAM



Most systems - including the Huawei FusionServer 2288H V5 - 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.com/-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:

System manufacturer	Huawei		
Device type	Server		
Device family	FusionServer		
Device series	2200 Serie		
Device name	FusionServer 2288H V5		
Maximum memory*	6TB / 3TB according to manufacturer		
Number of memory sockets	24		

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

The following technical specifications should be considered in advance:

- The system supports RDIMM and RDIMM 3DS (Registered DIMM) or LRDIMM and LRDIMM 3DS (Load Reduced DIMM) memory modules. Large memory capacities can be realised with LRDIMM 3DS modules.
- RDIMM and RDIMM 3DS memory modules cannot be operated together with LRDIMM and LRDIMM 3DS main memories.
- If a memory expansion is to be made with the already existing RAM memories, it must be checked which basic memory technology (RDIMM / LRDIMM) is available.
- 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.
- If memory modules are provided with higher speeds than specified by the system, the memory speed is automatically adjusted to the system specifications.
- The CPU supports 6 DIMMs per memory channel.

#### 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 Huawei FusionServer 2288H V5

8GB         SP545502         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           16GB         SP545503         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           32GB         SP545504         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP545505         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP545498         DDR4         LRDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           128GB         SP545506         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           128GB         SP545500         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP545499         DDR4         LRDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           256GB         SP545507         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           LR DIMM) (ECC Registered)         288 Pin DIMM         PHS-memory®         PHS-memory®	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
Registered)           32GB         SP545504         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP545505         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP545498         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP545506         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP545500         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP545499         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP545507         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP545501         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	8GB	SP545502	DDR4	•	288 Pin DIMM	PHS-memory®	
Registered)           64GB         SP545505         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP545498         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP545506         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP545500         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP545499         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP545507         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP545501         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	16GB	SP545503	DDR4	•	288 Pin DIMM	PHS-memory®	
Registered)           64GB         SP545498         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP545506         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP545500         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP545499         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP545507         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP545501         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	32GB	SP545504	DDR4	•	288 Pin DIMM	PHS-memory®	
LR DIMM)         128GB       SP545506       DDR4       RDIMM (ECC Registered) 3DS       288 Pin DIMM       PHS-memory®         128GB       SP545500       DDR4       LRDIMM (ECC LR DIMM)       288 Pin DIMM       PHS-memory®         128GB       SP545499       DDR4       LRDIMM (ECC LR DIMM) 3DS       288 Pin DIMM       PHS-memory®         256GB       SP545507       DDR4       RDIMM (ECC Registered) 3DS       288 Pin DIMM       PHS-memory®         256GB       SP545501       DDR4       LRDIMM (ECC 288 Pin DIMM       PHS-memory®	64GB	SP545505	DDR4	•	288 Pin DIMM	PHS-memory®	
Registered) 3DS           128GB         SP545500         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®           128GB         SP545499         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP545507         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP545501         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	64GB	SP545498	DDR4	`	288 Pin DIMM	PHS-memory®	
LR DIMM)         LR DIMM)           128GB         SP545499         DDR4         LRDIMM (ECC LR DIMM) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP545507         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           256GB         SP545501         DDR4         LRDIMM (ECC 288 Pin DIMM         PHS-memory®	128GB	SP545506	DDR4	•	288 Pin DIMM	PHS-memory®	
LR DIMM) 3DS  256GB SP545507 DDR4 RDIMM (ECC Registered) 3DS PHS-memory®  256GB SP545501 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory®	128GB	SP545500	DDR4	•	288 Pin DIMM	PHS-memory®	
Registered) 3DS  256GB SP545501 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory®	128GB	SP545499	DDR4	•	288 Pin DIMM	PHS-memory®	
· · · · · · · · · · · · · · · · · · ·	256GB	SP545507	DDR4	•	288 Pin DIMM	PHS-memory®	
	256GB	SP545501	DDR4	•	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.com/-W5Y



#### Contact Information

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#### Product Datasheet | SP545501 256GB Computer memory for FusionServer 2288H V5



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