

# 4GB Computer memory DDR4 for Supermicro A2SDV-8C-TLN5F UDIMM







## 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	4GB
Memory technology	DDR4
ECC support	no
JEDEC Norm	PC4-2400T-U
Туре	UDIMM (Non-ECC unbuffered)
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	SP359415
EAN	4064578219444

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	Supermicro	
Device type	Server-Mainboard	
Device family	Mainboard A	
Device series	A2S Serie	
Device name	A2SDV-8C-TLN5F	
Maximum memory*	256GB	
Number of memory sockets	4	

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

- The device supports non ECC UDIMM (without error correction code), ECC DIMM (with error correction code) or RDIMM (Registered DIMM) RAM memories. RDIMM memories are recommended when large memory capacities are to be achieved.
- he different memory technologies (non ECC UDIMM / ECC UDIMM / RDIMM) must not be mixed during operation.
- If a memory expansion is to be made with the already existing RAM memories, it must be checked which memory technology (non ECC / ECC/ RDIMM) is already installed in the system.

#### 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 Supermicro A2SDV-8C-TLN5F

4GB         SP359415         DDR4         UDIMM (Non-ECC unbuffered)         288 Pin DIMM PHS-memory®           8GB         SP359416         DDR4         UDIMM (Non-ECC unbuffered)         288 Pin DIMM PHS-memory®           8GB         SP359410         DDR4         UDIMM ECC (ECC unbuffered)         288 Pin DIMM PHS-memory®           16GB         SP359414         DDR4         UDIMM (Non-ECC unbuffered)         288 Pin DIMM PHS-memory®           16GB         SP359411         DDR4         RDIMM (ECC Registered)         288 Pin DIMM PHS-memory®           16GB         SP359409         DDR4         UDIMM ECC (ECC unbuffered)         288 Pin DIMM PHS-memory®           32GB         SP469190         DDR4         UDIMM (Non-ECC unbuffered)         288 Pin DIMM PHS-memory®           32GB         SP469189         DDR4         UDIMM ECC (ECC unbuffered)         288 Pin DIMM PHS-memory®           32GB         SP359417         DDR4         RDIMM (ECC Registered)         288 Pin DIMM PHS-memory®           64GB         SP359413         DDR4         RDIMM (ECC Registered)         288 Pin DIMM PHS-memory®	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
ECC unbuffered)           8GB         SP359410         DDR4         UDIMM ECC (ECC unbuffered)         288 Pin DIMM         PHS-memory®           16GB         SP359414         DDR4         UDIMM (Non- ECC unbuffered)         288 Pin DIMM         PHS-memory®           16GB         SP359411         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           16GB         SP359409         DDR4         UDIMM ECC (ECC unbuffered)         288 Pin DIMM         PHS-memory®           32GB         SP469190         DDR4         UDIMM (Non- ECC unbuffered)         288 Pin DIMM         PHS-memory®           32GB         SP469189         DDR4         UDIMM ECC (ECC unbuffered)         288 Pin DIMM         PHS-memory®           32GB         SP359417         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP359413         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®	4GB	SP359415	DDR4	ECC	288 Pin DIMM	PHS-memory®	
(ECC unbuffered)           16GB         SP359414         DDR4         UDIMM (Non-ECC unbuffered)         288 Pin DIMM         PHS-memory®           16GB         SP359411         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           16GB         SP359409         DDR4         UDIMM ECC (ECC unbuffered)         288 Pin DIMM         PHS-memory®           32GB         SP469190         DDR4         UDIMM (Non-ECC unbuffered)         288 Pin DIMM         PHS-memory®           32GB         SP469189         DDR4         UDIMM ECC (ECC unbuffered)         288 Pin DIMM         PHS-memory®           32GB         SP359417         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP359413         DDR4         RDIMM (ECC 288 Pin DIMM         PHS-memory®	8GB	SP359416	DDR4	ECC	288 Pin DIMM	PHS-memory®	
ECC unbuffered)           16GB         SP359411         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           16GB         SP359409         DDR4         UDIMM ECC (ECC unbuffered)         288 Pin DIMM         PHS-memory®           32GB         SP469190         DDR4         UDIMM (Non-ECC unbuffered)         288 Pin DIMM         PHS-memory®           32GB         SP469189         DDR4         UDIMM ECC (ECC unbuffered)         288 Pin DIMM         PHS-memory®           32GB         SP359417         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®           64GB         SP359413         DDR4         RDIMM (ECC 288 Pin DIMM         PHS-memory®	8GB	SP359410	DDR4	(ECC	288 Pin DIMM	PHS-memory®	
Registered)  16GB SP359409 DDR4 UDIMM ECC (ECC unbuffered)  32GB SP469190 DDR4 UDIMM (Non- ECC unbuffered)  32GB SP469189 DDR4 UDIMM ECC (ECC unbuffered)  32GB SP469189 DDR4 UDIMM ECC (ECC unbuffered)  32GB SP359417 DDR4 RDIMM (ECC Registered)  64GB SP359413 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory®	16GB	SP359414	DDR4	ECC	288 Pin DIMM	PHS-memory®	
(ECC unbuffered)         32GB       SP469190       DDR4       UDIMM (Non- ECC unbuffered)       288 Pin DIMM       PHS-memory®         32GB       SP469189       DDR4       UDIMM ECC (ECC unbuffered)       288 Pin DIMM       PHS-memory®         32GB       SP359417       DDR4       RDIMM (ECC Registered)       288 Pin DIMM       PHS-memory®         64GB       SP359413       DDR4       RDIMM (ECC 288 Pin DIMM       PHS-memory®	16GB	SP359411	DDR4	•	288 Pin DIMM	PHS-memory®	
ECC unbuffered)  32GB SP469189 DDR4 UDIMM ECC (ECC unbuffered)  32GB SP359417 DDR4 RDIMM (ECC Registered)  64GB SP359413 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory®	16GB	SP359409	DDR4	(ECC	288 Pin DIMM	PHS-memory®	
(ECC unbuffered)  32GB SP359417 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered)  64GB SP359413 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory®	32GB	SP469190	DDR4	ECC	288 Pin DIMM	PHS-memory®	
Registered)  64GB SP359413 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory®	32GB	SP469189	DDR4	(ECC	288 Pin DIMM	PHS-memory®	
	32GB	SP359417	DDR4		288 Pin DIMM	PHS-memory®	
	64GB	SP359413	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.fr/-W5Y





#### Contact Information

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