

# 8GB Computer memory DDR4 for Supermicro Mini-Tower server BL310v4 RDIMM





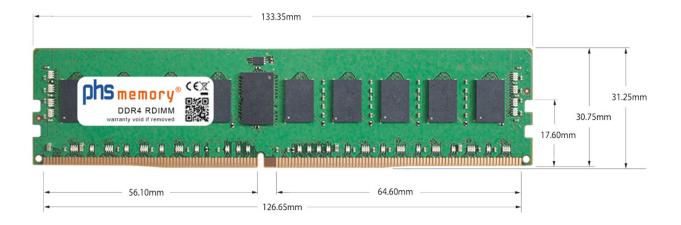


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- many years of IT competence
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- High availability through professional warehouse management
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- PHS-memory® brand memories guarantee 100% compatibility 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	8GB	
Memory technology	DDR4	
ECC support	yes	
JEDEC Norm	PC4-2133P-R	
Туре	RDIMM (ECC Registered)	
Number of pins	288 Pin DIMM	
Memory data transfer rate	2133MHz @ CL15	
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	SP230640	
EAN	4055069983586	

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		
Device family	Mini-Tower Server		
Device series	BL310 Serie		
Device name	Mini-Tower Server BL310v4		
Standard memory	16GB (2x8GB)		
Maximum memory*	128GB		
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:

- Im Gerät können ECC DIMM (with Error-Correction-Code) or RDIMM (Registered DIMM) RAM-memory installiert werden. RDIMM memory sind empfehlenswert, wenn große memorykapazitäten erreicht werden sollen.
- Die verschiedenen memory-Technologien (/ECC UDIMM / RDIMM) dürfen nicht gemischt betrieben werden.
- Falls eine memory extension with den bereits vorhandenen RAM-memoryn vorgenommen werden soll, muss geprüft werden, welche memorytechnologie (ECC UDIMM / RDIMM) vorhanden ist.
- If memory modules are provided with higher speeds than specified by the system, the memory speed is automatically adjusted to the system specifications.

# 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 Mini-Tower Server BL310v4

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
8GB	SP230640	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
8GB	SP230637	DDR4	UDIMM ECC (ECC unbuffered)	288 Pin DIMM	PHS-memory®	
16GB	SP230638	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
16GB	SP230636	DDR4	UDIMM ECC (ECC unbuffered)	288 Pin DIMM	PHS-memory®	
32GB	SP230639	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	
32GB	SP465834	DDR4	UDIMM ECC (ECC unbuffered)	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.it/-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.it