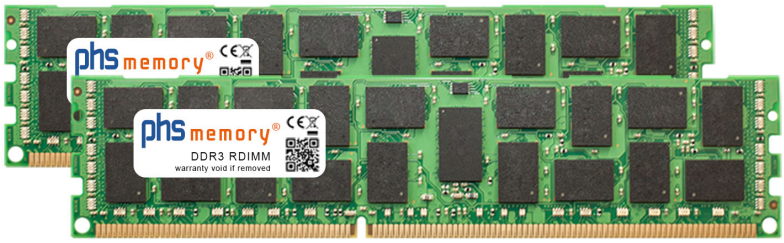
64GB (2x32GB) Kit Computer memory DDR3 for Supermicro A+ server 1022TC-TF RDIMM



179,58 EUR
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incl. VAT

immediately available
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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
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- Fast delivery in throughout Europe
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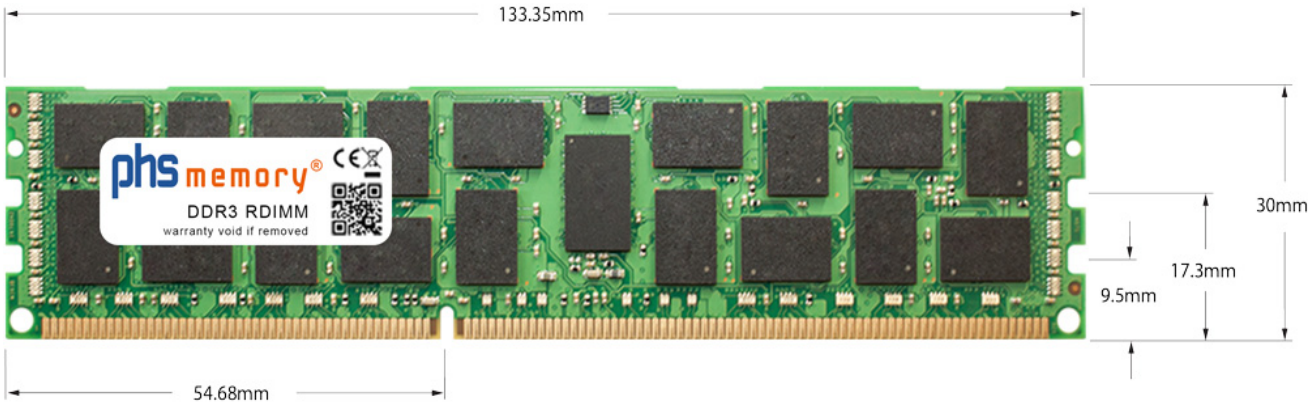
Memory Specification



Memory size	32GB
Memory technology	DDR3
ECC support	ja
JEDEC Norm	PC3L-12800R
DRAM Organization	2Gx4
Rank	4Rx4 (4DRx4 DDP)
Type	RDIMM (ECC Registered)
Number of pins	240 Pin DIMM
Memory data transfer rate	1600MHz @ CL11
Voltage	1,35 Volt
Speciality	DDP
Board dimensions	133,35 x 30 (LxB mm)
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	Yes
SKU	SP159964
EAN	4055069314342

overRAMing - maximize your RAM

overRAMing Project

Most systems - including the Supermicro A+ Server 1022TC-TF - 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 PHS-memory® overRAMing memory solutions.

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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	Supermicro
Device type	Server
Device family	A+ Server
Device series	1022TC Serie
Device name	A+ Server 1022TC-TF
Maximum memory*	384GB / 192GB according to manufacturer
Number of memory sockets	12

* 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.

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

Information on memory allocation

Information on memory configuration

- Sie können entweder ECC UDIMM or RDIMM memory verwenden.
- At deployment of UDIMM ECC memories a maximum of 4 memory slots per CPU may be used.
- UDIMM ECC memory and RDIMM (Registered) server memory can not be shared.
- To achieve good system performance, it is recommended to distribute the memory evenly among the memory slots and evenly among the CPUs.
- Es können nur die memorysteckplätze genutzt werden, bei denen die jeweilige CPU vorhanden ist.
- Es können maximal 2 x 32GB memory pro CPU eingesetzt werden. Die maximale capacity erreichen Sie durch Einsatz of 6 x 16GB RDIMM memoryn pro CPU.

RAM / CPU Slot	DIMM A1	DIMM A2	DIMM B1	DIMM B2	DIMM C1	DIMM C2
UDIMM ECC	4GB / 8GB	4GB / 8GB	Leer	Leer	4GB / 8GB	4GB / 8GB
RDIMM	4GB / 8GB / 16GB	4GB / 8GB / 16GB	4GB / 8GB / 16GB / 32GB	4GB / 8GB / 16GB / 32GB	4GB / 8GB / 16GB	4GB / 8GB / 16GB

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 Supermicro A+ Server 1022TC-TF

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
4GB	SP159959	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
8GB	SP159963	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
16GB	SP159961	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
8GB	SP159960	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
32GB	SP159964	DDR3	RDIMM (ECC Registered)	240 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

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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.com

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