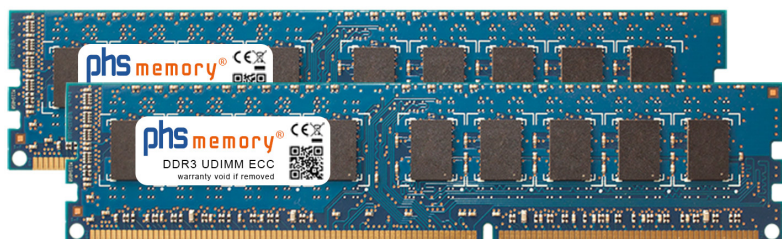


16GB (2x8GB) Kit Computer memory DDR3 for Supermicro A+ server 2022TC-BTRF UDIMM ECC



55,71 EUR

plus VAT

66,30 EUR

incl. VAT

in magazzino

<https://www.phs-memory.it>

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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
- 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	8GB
Memory technology	DDR3
ECC support	ja
JEDEC Norm	PC3-12800E
DRAM Organization	512Mx8
Rank	2Rx8
Type	UDIMM ECC (ECC unbuffered)
Number of pins	240 Pin DIMM
Memory data transfer rate	1600MHz @ CL11
Speciality	-
Board dimensions	133,35 x 30 (LxB mm)
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	Yes
SKU	SP159996
EAN	4055069314564

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 system:

System manufacturer	Supermicro
Device type	Server
Device family	A+ Server
Device series	2022TC Serie
Device name	A+ Server 2022TC-BTRF
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.

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.

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 A+ Server 2022TC-BTRF

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
4GB	SP159995	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
8GB	SP159999	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
16GB	SP159997	DDR3	RDIMM (ECC Registered)	240 Pin DIMM	PHS-memory®	
8GB	SP159996	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
32GB	SP160000	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.it/-W5Y>



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Garantie**

Contact Information

PHS-electronic gmbh
- www.phs-memory.it -
Karl-Götz-Str. 5
97424 Schweinfurt
Germania

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

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>