

4GB Computer memory DDR3 for Thecus N12000 UDIMM ECC



21,93 EUR

plus VAT

26,10 EUR

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
- Free support for optimal configuration and product selection
- High availability through professional warehouse management
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- 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).
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- 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	DDR3
ECC support	ja
JEDEC Norm	PC3-10600E
DRAM Organization	256Mx8
Rank	2Rx8
Type	UDIMM ECC (ECC unbuffered)
Number of pins	240 Pin DIMM
Memory data transfer rate	1333MHz @ CL9
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	SP267724
EAN	4063369365643

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	Thecus
Device type	Storage/NAS
Device family	Enterprise-Rackmount
Device series	N12000 Serie
Device name	N12000
Standard memory	4GB (2 x 2GB)
Maximum memory*	32GB / 16GB according to manufacturer
Number of memory sockets	4
Annotation	This system basically supports UDIMM ECC memory and UDIMM memory without ECC support. Both technologies can not be mixed.

* The specifications for the maximum memory upgrade may differ from those of the manufacturer Thecus. 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

Dieses System supports grundsätzlich UDIMM ECC Computer memory and UDIMM Computer memory ohne ECC Unterstützung. Mit beiden Technologien können Sie 16GB maximal durch den Einsatz of 4 x 4GB Computer memoryn erreichen. Die ECC Funktion wird nur dann supports, wenn alle eingesetzten Computer memory UDIMM ECC memory sind.

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 Thecus N12000

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
4GB	SP267725	DDR3	UDIMM (Non-ECC unbuffered)	240 Pin DIMM	PHS-memory®	
4GB	SP267724	DDR3	UDIMM ECC (ECC unbuffered)	240 Pin DIMM	PHS-memory®	
8GB	SP467757	DDR3	UDIMM (Non-ECC unbuffered)	240 Pin DIMM	PHS-memory®	
8GB	SP467756	DDR3	UDIMM ECC (ECC unbuffered)	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>