

16GB Computer memory DDR4 for QNAP TS-1685 UDIMM



phs memory®

40,92 EUR

plus VAT

48,70 EUR

incl. VAT

immediately available

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Version: 04.08.2025 09:16

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	16GB
Memory technology	DDR4
ECC support	no
JEDEC Norm	PC4-17000U
Type	UDIMM (Non-ECC unbuffered)
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	SP226636
EAN	4055069944624

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	QNAP
Device type	Storage/NAS
Device family	NAS TS
Device series	TS-x85 Serie
Device name	TS-1685
Maximum memory*	128GB
Number of memory sockets	4
Annotation	You can use either UDIMM or RDIMM memories. These two different technologies can not be operated together in the system.

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

The perfect computer memory for Qnap TS-1685

- Sie können entweder UDIMM or RDIMM memory verwenden
- UDIMM memory and RDIMM (Registered) Serverspeicher können nicht gemeinsam eingesetzt werden.
- Mit UDIMM memory modules erreichen Sie einen maximalen Computer memory of 4 x 16GB = 64GB
- Mit RDIMM memory modules erreichen Sie einen maximalen Computer memory of 4 x 32GB = 128GB

	Ram ab Werk
Modellnummer	
TS-1685-D1521-16G	2x8GB UDIMM
TS-1685-D1521-32G	2x16GB UDIMM
TS-1685-D1531-32G	2x16GB UDIMM
TS-1685-D1531-64G	4x16GB UDIMM
TS-1685-D1531-64GR	4x16GB RDIMM
TS-1685-D1531-128GR	4x32GB RDIMM

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 QNAP TS-1685

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
8GB	SP226637	DDR4	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	RAM-8GDR4-LD-2133
16GB	SP240549	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	RAM-16GDR4-RD-2400
16GB	SP226636	DDR4	UDIMM (Non-ECC unbuffered)	288 Pin DIMM	PHS-memory®	RAM-16GDR4-LD-2133
32GB	SP341775	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	RAM-32GDR4-RD-2400, RAM-32GDR4ECK0-RD-2666
32GB	SP226631	DDR4	RDIMM (ECC Registered)	288 Pin DIMM	PHS-memory®	RAM-32GDR4ECK0-RD-2666
32GB	SP308087	DDR4	UDIMM (Non-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.com/-W5Y>



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Garantie**

Contact Information

PHS-electronic gmbh
- www.phs-memory.com -
Karl-Götz-Str. 5
97424 Schweinfurt
Germany

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

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