

64GB (2x32GB) Kit Computer memory DDR4 for QNAP TS-1683XU-RP UDIMM ECC



phs memory®

301,85 EUR

plus VAT

359,20 EUR

incl. VAT

in magazzino

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

Version: 14.08.2025 23:08

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	32GB
Memory technology	DDR4
ECC support	ja
JEDEC Norm	PC4-21300E
Type	UDIMM ECC (ECC unbuffered)
Number of pins	288 Pin DIMM
Memory data transfer rate	2666MHz @ CL19
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	SP406781
EAN	4064578698522

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-x83UX Serie
Device name	TS-1683XU-RP
Standard memory	16GB (2x8GB)
Maximum memory*	128GB
Number of memory sockets	4

* 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

For dual- or quad-DIMM configurations, you must use a pair of identical DDR4 modules.

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-1683XU-RP

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
8GB	SP285460	DDR4	UDIMM ECC (ECC unbuffered)	288 Pin DIMM	PHS-memory®	2 x RAM-8GDR4 ECT0-UD-2666, RAM-8GDR4ECP 0-UD-2666
16GB	SP285459	DDR4	UDIMM ECC (ECC unbuffered)	288 Pin DIMM	PHS-memory®	2 x RAM-16GDR 4ECP0-UD-2666
32GB	SP406781	DDR4	UDIMM ECC (ECC unbuffered)	288 Pin DIMM	PHS-memory®	2 x RAM-32GDR 4ECS0-UD-2666, RAM-32GDR4EC K0-UD-3200

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

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>