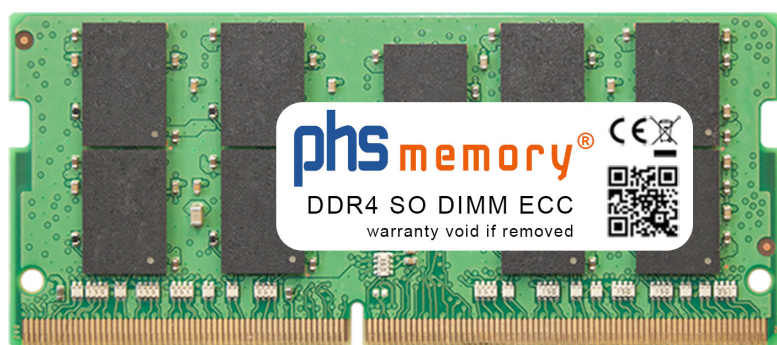


32GB Computer memory DDR4 for QNAP TS-473A-8G SO DIMM ECC



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Warranty details see last page
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Memory Specification



Memory size	32GB
Memory technology	DDR4
ECC support	yes
JEDEC Norm	PC4-25600-P
DRAM Organization	2Gx8
Rank	2Rx8
Type	SO DIMM ECC
Number of pins	260 Pin DIMM
Memory data transfer rate	3200MHz @ CL22
Voltage	1,2 Volt
Speciality	-
Board dimensions	69,73 x 30,13 (LxB mm)
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	yes
SKU	SP374471
EAN	4064578376734

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-x73A Serie
Device name	TS-473A-8G
Standard memory	8GB (1x8GB)
Maximum memory*	64GB
Number of memory sockets	2
Annotation	ECC memory must not be mixed with Non-ECC!

* 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

Note when selecting the memory modules

QNAP verwendet im NAS-System SO-DIMM Computer memory ohne ECC-Funktion.

Die im Gerät eingebaute AMD Ryzen V1500B CPU supports aber auch **memory modules with ECC Funktion**.

Computer memory with ECC-Funktion (with Fehlerkorrektur) können nicht zusammen with memory modulesn ohne ECC-Funktion verwendet werden.

Beim Kauf vom memory modulesn with ECC-Funktion müssen die of QNAP eingebauten memory modules entfernt werden!

Für eine Dual-DIMM-Konfiguration müssen sie immer zwei identische SO-DIMM DDR4-Memory verwenden.

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-473A-8G

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
8GB	SP462590	DDR4	SO DIMM ECC	260 Pin DIMM	PHS-memory®	
8GB	SP374469	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	
16GB	SP374470	DDR4	SO DIMM ECC	260 Pin DIMM	PHS-memory®	
16GB	SP374467	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	
32GB	SP374471	DDR4	SO DIMM ECC	260 Pin DIMM	PHS-memory®	
32GB	SP374468	DDR4	SO DIMM	260 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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