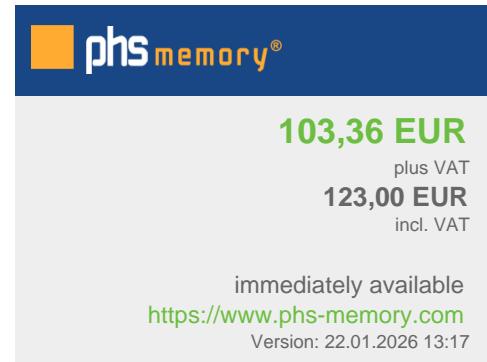
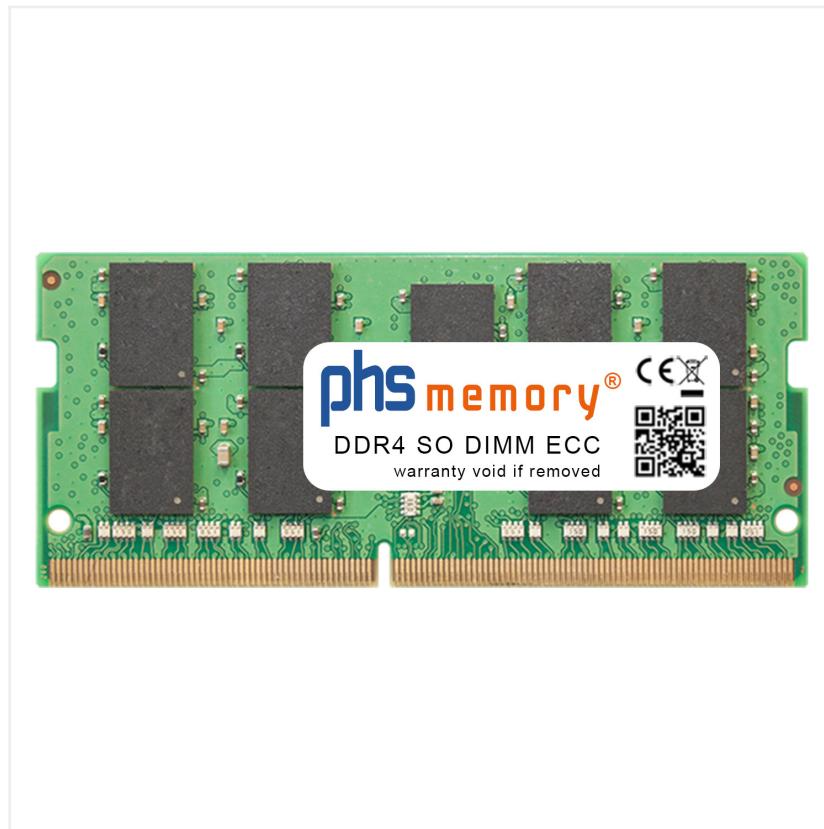


8GB Computer memory DDR4 for QNAP TS-473A-4G SO DIMM ECC



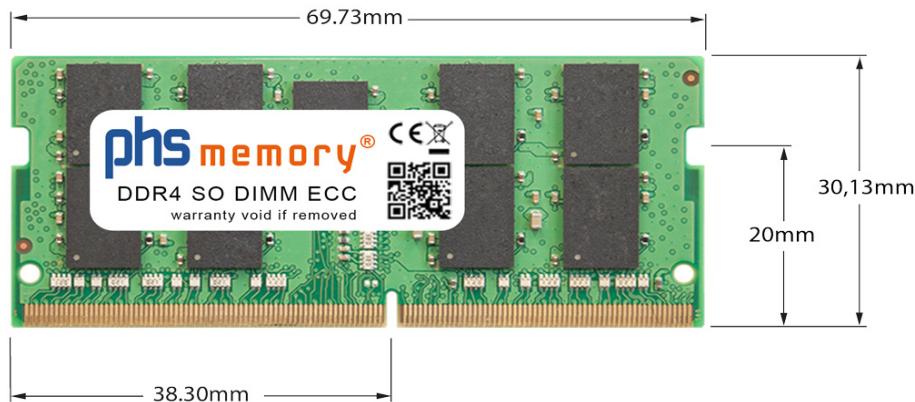
Your benefits

- ✓ 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	DDR4
ECC support	ja
JEDEC Norm	PC4-25600E
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	SP462591
EAN	4067488260919

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-4G
Standard memory	4GB (1x4GB)
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-4G

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
4GB	SP374496	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	
8GB	SP462591	DDR4	SO DIMM ECC	260 Pin DIMM	PHS-memory®	
8GB	SP374497	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	
16GB	SP374498	DDR4	SO DIMM ECC	260 Pin DIMM	PHS-memory®	
16GB	SP374494	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	
32GB	SP374499	DDR4	SO DIMM ECC	260 Pin DIMM	PHS-memory®	
32GB	SP374495	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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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>