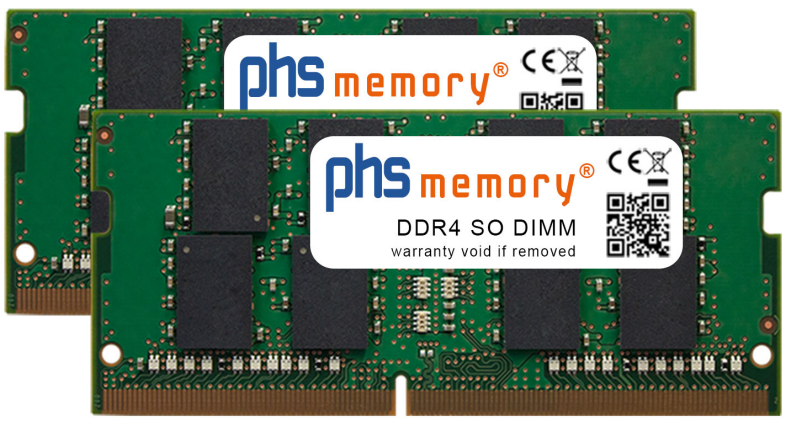
32GB (2x16GB) Kit Computer memory DDR4 for QNAP HS-453DX-4G SO DIMM



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en stock
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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
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- Short response times and professional order processing due to full digitalization throughout the entire process with complete traceability
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- 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.
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- Products with unique serial number for service and warranty
- Pre-sales and after-sales support by technically trained personnel

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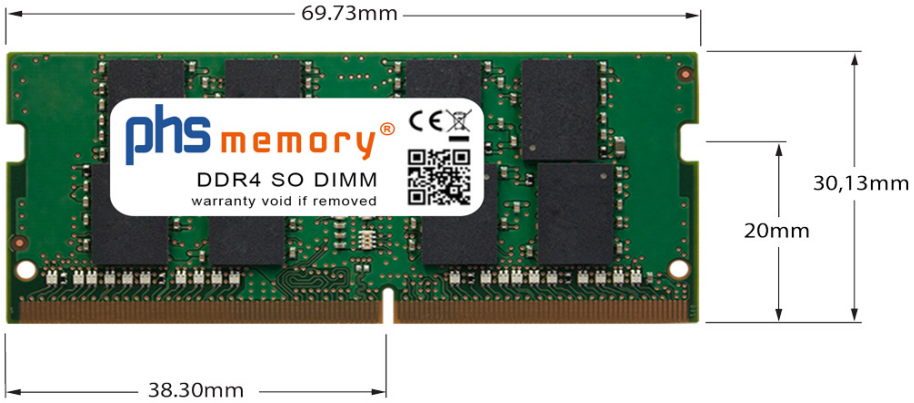
Memory Specification



Memory size	16GB
Memory technology	DDR4
ECC support	no
JEDEC Norm	PC4-2400T-S
DRAM Organization	1Gx8
Rank	2Rx8
Type	SO DIMM
Number of pins	260 Pin DIMM
Memory data transfer rate	2400MHz @ CL17
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	SP281346
EAN	4063369510678

overRAMing - maximize your RAM

overRAMing Project

Most systems - including the QNAP HS-453DX-4G - can be upgraded with more memory than originally specified by the device manufacturer.

Therefore, our memory specialists continuously analyze new memory solutions in selected systems. Due to improved manufacturing technologies, new memories with higher performance and capacity will be tested for stability and functionality.
Then the new memory solutions are released for the respective systems. Use the benefits of larger computer memory capacity with the PHS-memory® overRAMing memory solutions.

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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.

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System Specifications

The memory is 100% compatible with this sytem:

System manufacturer	QNAP
Device type	Storage/NAS
Device family	NAS HS
Device series	HS-x53DX Serie
Device name	HS-453DX-4G
Standard memory	4GB (2x 2GB)
Maximum memory*	32GB / 8GB according to manufacturer
Number of memory sockets	2
Annotation	Für eine Dual-DIMM-Konfigurationen müssen Sie ein Paar identischer DDR4-Memory verwenden.

* 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.

Memory modules with our overRAMing-symbol are approved by us for maximum memory expansion.

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.

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Further memory options for QNAP HS-453DX-4G

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
4GB	SP281344	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	RAM-4GDR4K0-SO-2666, RAM-4GDR4A0-SO-2666, RAM-4GDR4K1-SO-2400, RAM-4GDR4A0-SO-2400
4GB	SP281347	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	RAM-4GDR4K0-SO-2666, RAM-4GDR4A0-SO-2666, RAM-4GDR4K1-SO-2400, RAM-4GDR4A0-SO-2400
8GB	SP281345	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	
8GB	SP281348	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	
16GB	SP281343	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	
16GB	SP281346	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.fr/-W5Y

5 Jahre Garantie

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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.fr

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