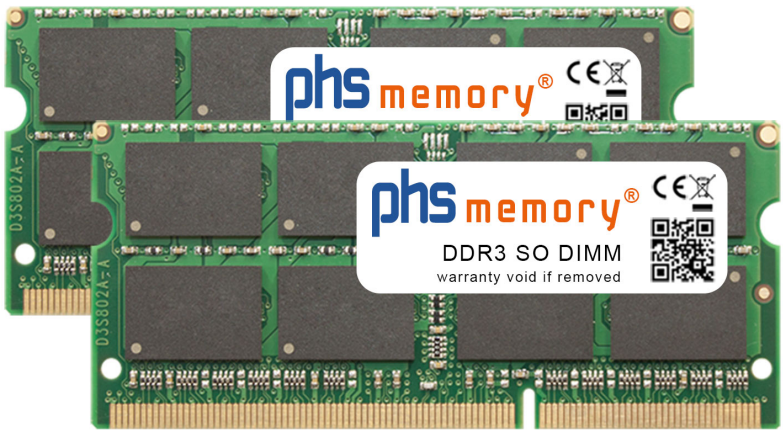
8GB (2x4GB) Kit Computer memory DDR3 for QNAP TS-653B SO DIMM



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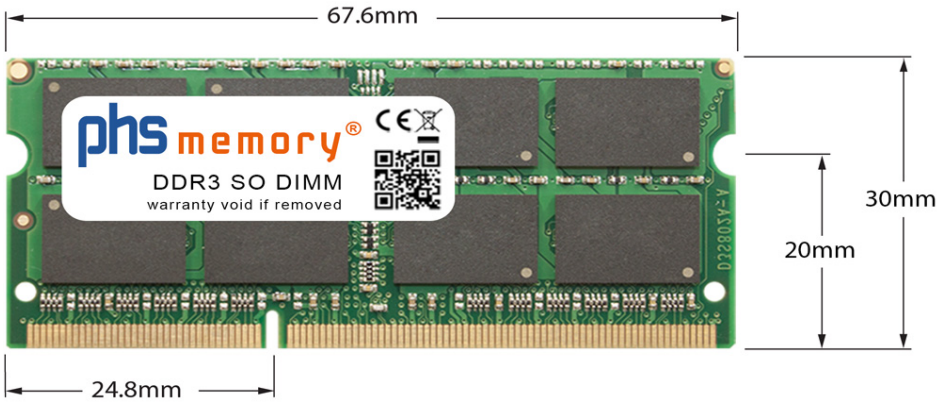
Memory Specification



Memory size	4GB
Memory technology	DDR3
ECC support	no
JEDEC Norm	PC3L-12800S
Type	SO DIMM
Number of pins	204 Pin DIMM
Memory data transfer rate	1600MHz @ CL11
Voltage	1,35 Volt
Speciality	-
Board dimensions	67,6 x 30 (LxB mm)
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	Yes
SKU	SP236647
EAN	4063369042223

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 TS
Device series	TS-x53B Serie
Device name	TS-653B
Standard memory	8GB
Maximum memory*	16GB
Number of memory sockets	2
Annotation	Attention: If you want to use both memory slots, you have to install a memory kit of two identical memory modules. Because of this fact we offer matched memory kits for your Qnap 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 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 TS-653B

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
4GB	SP236647	DDR3	SO DIMM	204 Pin DIMM	PHS-memory®	RAM-4GDR3L-SO-1600
8GB	SP236646	DDR3	SO DIMM	204 Pin DIMM	PHS-memory®	RAM-8GDR3L-SO-1600
8GB	SP411220	DDR3	SO DIMM	204 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.
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