

48GB Computer memory DDR5 for Asustor Flashstor 12 Pro Gen2 (FS6812X) SO DIMM ECC



phs memory®

282,02 EUR

plus VAT

335,60 EUR

incl. VAT

immediately available

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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
- 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	48GB
Memory technology	DDR5
ECC support	ja
JEDEC Norm	PC5-38400-P
DRAM Organization	3Gx8
Rank	2Rx8
Type	SO DIMM ECC
Number of pins	262 Pin SO DIMM
Memory data transfer rate	4800MHz
Voltage	1,1 Volt
Speciality	-
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	Yes
SKU	SP579946
EAN	4069169599936

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	Asustor
Device type	Storage/NAS
Device family	Flashstor
Device series	FS6800 Serie
Device name	Flashstor 12 Pro Gen2 (FS6812X)
Standard memory	16GB (1x16GB) ECC
Maximum memory*	96GB
Number of memory sockets	2

* The specifications for the maximum memory upgrade may differ from those of the manufacturer Asustor. 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

Information on memory configuration

The following technical specifications should be considered in advance:

- Im Gerät können non ECC or ECC (Error-Correction-Code) RAM-memory installiert werden. Memory with der Description ECC besitzen eine Fehlerkorrektur.
- Non ECC memory modules cannot be used together with ECC memories.
- If a memory expansion is to be made with the already existing RAM memories, it must be checked which memory technology (non ECC / ECC) is already existing in the system.

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 Asustor Flashstor 12 Pro Gen2 (FS6812X)

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
16GB	SP579944	DDR5	SO DIMM ECC	262 Pin SO DIMM	PHS-memory®	AS-16GECD5
32GB	SP579969	DDR5	SO DIMM	262 Pin SO DIMM	PHS-memory®	AS-32GD5
32GB	SP579945	DDR5	SO DIMM ECC	262 Pin SO DIMM	PHS-memory®	AS-32GECD5
48GB	SP579970	DDR5	SO DIMM	262 Pin SO DIMM	PHS-memory®	AS-48GD5
48GB	SP579946	DDR5	SO DIMM ECC	262 Pin SO DIMM	PHS-memory®	AS-48GECD5

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>