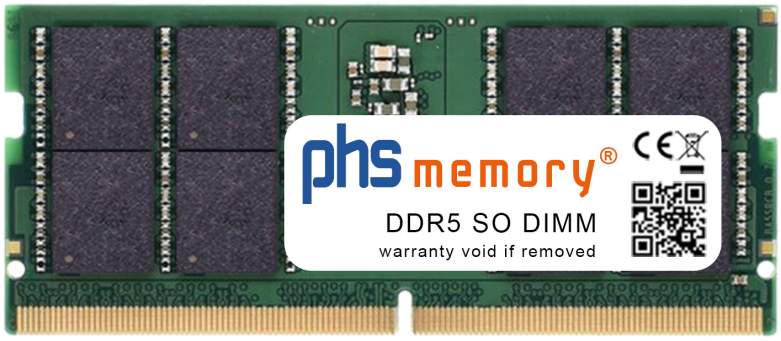
24GB Computer memory DDR5 for Minisforum N5 Pro SO DIMM



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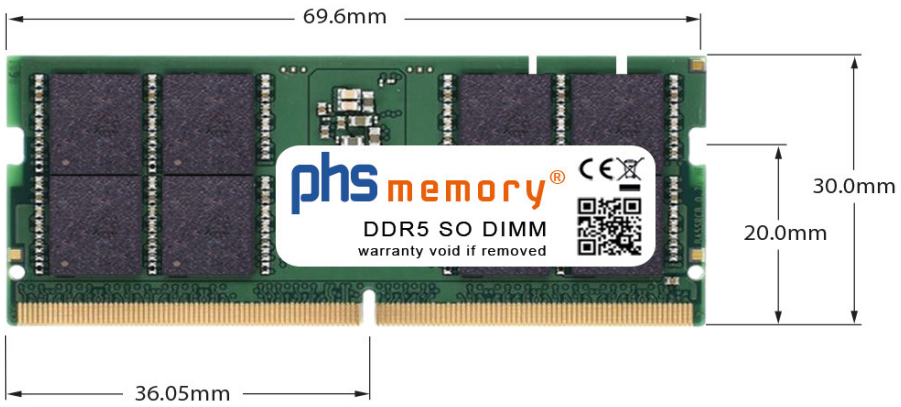
Memory Specification



Memory size	24GB
Memory technology	DDR5
ECC support	no
JEDEC Norm	PC5-44800S
Type	SO DIMM
Number of pins	262 Pin SO DIMM
Memory data transfer rate	5600MHz
Voltage	1,1 Volt
Speciality	-
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	Yes
SKU	SP589962
EAN	4069169628377

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	Minisforum
Device type	Storage/NAS
Device family	Storage/NAS
Device series	N Serie
Device name	N5 Pro
Maximum memory*	128GB / 96GB according to manufacturer
Number of memory sockets	2

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

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Further memory options for Minisforum N5 Pro

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
8GB	SP589960	DDR5	SO DIMM	262 Pin SO DIMM	PHS-memory®	
16GB	SP589966	DDR5	SO DIMM ECC	262 Pin SO DIMM	PHS-memory®	
16GB	SP589961	DDR5	SO DIMM	262 Pin SO DIMM	PHS-memory®	
24GB	SP589962	DDR5	SO DIMM	262 Pin SO DIMM	PHS-memory®	
32GB	SP589967	DDR5	SO DIMM ECC	262 Pin SO DIMM	PHS-memory®	
32GB	SP589963	DDR5	SO DIMM	262 Pin SO DIMM	PHS-memory®	
48GB	SP589968	DDR5	SO DIMM ECC	262 Pin SO DIMM	PHS-memory®	
48GB	SP589964	DDR5	SO DIMM	262 Pin SO DIMM	PHS-memory®	
64GB	SP589965	DDR5	SO DIMM	262 Pin SO 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.it/-W5Y

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