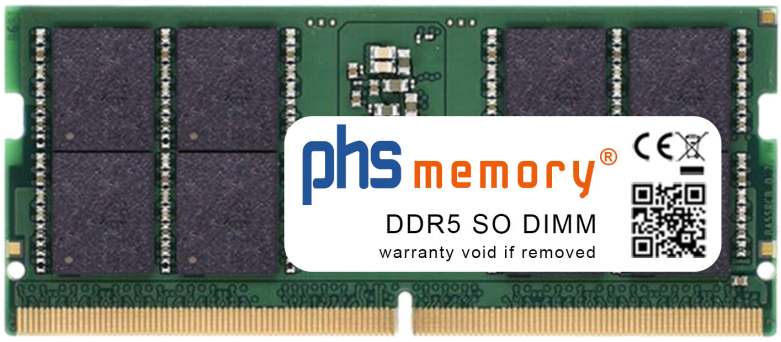
48GB Computer memory DDR5 for Dell Precision 7680 SO DIMM



phs memory®

158,24 EUR
plus VAT
188,30 EUR
incl. VAT

onible, seulement quelques-uns en stock
https://www.phs-memory.fr
Version: 20.08.2025 11:51

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

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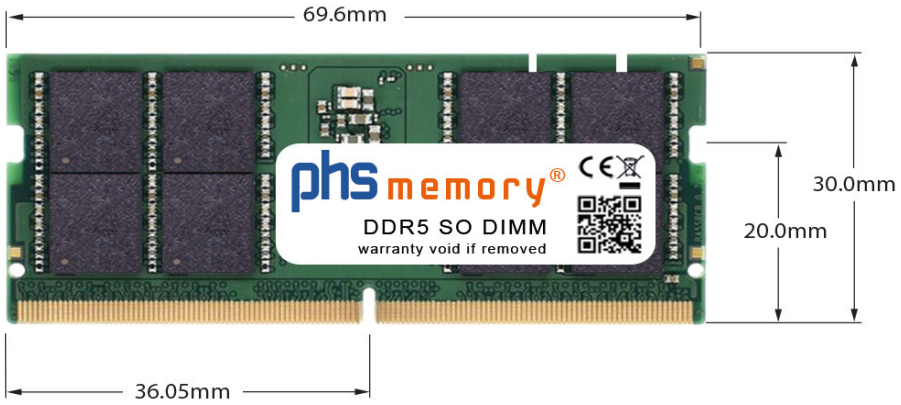
Memory Specification



Memory size	48GB
Memory technology	DDR5
ECC support	no
JEDEC Norm	PC5-44800-S
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	SP483868
EAN	4067488469626

overRAMing - maximize your RAM

overRAMing Project

Most systems - including the Dell Precision 7680 - 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	Dell
Device type	Workstation
Device family	Precision Notebook
Device series	7600 Serie
Device name	Precision 7680
Maximum memory*	96GB / 64GB according to manufacturer
Number of memory sockets	2

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

Information on memory configuration

- When using a CAMM memory, a SODIMM adapter is absolutely necessary. Otherwise, the memory cannot be expanded.

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 Dell Precision 7680

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
8GB	SP473156	DDR5	SO DIMM	262 Pin SO DIMM	PHS-memory®	
16GB	SP473157	DDR5	SO DIMM	262 Pin SO DIMM	PHS-memory®	
24GB	SP483867	DDR5	SO DIMM	262 Pin SO DIMM	PHS-memory®	
32GB	SP473158	DDR5	SO DIMM	262 Pin SO DIMM	PHS-memory®	
48GB	SP483868	DDR5	SO DIMM	262 Pin SO DIMM	PHS-memory®	

Other possible options

Product	SKU	Brand	Reference no.
Dell SODIMM - CAMM Adapter DDR5	SP566083	Dell	

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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