

16GB Computer memory DDR4 for Dell Precision 7710 SO DIMM ECC



phs memory®

69,24 EUR

plus VAT

82,40 EUR

incl. VAT

immediately available

<https://www.phs-memory.com>

Version: 25.05.2025 14:13

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

Memory Specification



Memory size	16GB
Memory technology	DDR4
ECC support	yes
JEDEC Norm	PC4-2666V-P
Type	SO DIMM ECC
Number of pins	260 Pin DIMM
Memory data transfer rate	2666MHz @ CL19
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	SP396142
EAN	4064578592011

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	Dell
Device type	Workstation
Device family	Precision Notebook
Device series	7700 Serie
Device name	Precision 7710
Standard memory	8GB (1x8GB)
Maximum memory*	128GB / 64GB according to manufacturer
Number of memory sockets	4

* 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.

Information on memory allocation

Information on memory configuration

The following technical specifications should be considered in advance:

- If the Dell Precision 7710 is equipped with a Xeon E3 v5 processor, SO-DIMM ECC modules can also be installed.
- If the Dell Precision 7710 was equipped with an i5 or i7 CPU, only non ECC SO-DIMM modules can be used.
- 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.

CPU	non ECC SO DIMM	SO DIMM with ECC
E3-1505M v5	4GB / 8GB / 16GB / 32GB	8GB ECC / 16GB ECC / 32GB ECC
E3-1535M v5	4GB / 8GB / 16GB / 32GB	8GB ECC / 16GB ECC / 32GB ECC
Core i7-6820HQ	4GB / 8GB / 16GB / 32GB	
Core i7-6920HQ	4GB / 8GB / 16GB / 32GB	
Core i5-6300HQ	4GB / 8GB / 16GB / 32GB	

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 Dell Precision 7710

Size	SKU	Technology	Type	Number of pins	Brand	Reference no.
8GB	SP150931	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	70-ACDD
8GB	SP448876	DDR4	SO DIMM ECC	260 Pin DIMM	PHS-memory®	
8GB	SP150932	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	370-ACDF
16GB	SP150928	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	370-ACDU
16GB	SP396142	DDR4	SO DIMM ECC	260 Pin DIMM	PHS-memory®	SNP6W5P7C/16 G, AB489614, SNPPD4K8C/16 G, AA318912
8GB	SP150933	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	370-ACEB
16GB	SP150929	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	370-ACDV
16GB	SP396143	DDR4	SO DIMM ECC	260 Pin DIMM	PHS-memory®	SNP6W5P7C/16 G, AB489614, SNPPD4K8C/16 G, AA318912
32GB	SP396141	DDR4	SO DIMM ECC	260 Pin DIMM	PHS-memory®	
32GB	SP396138	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	
16GB	SP150930	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	370-ACDZ
16GB	SP396144	DDR4	SO DIMM ECC	260 Pin DIMM	PHS-memory®	SNP6W5P7C/16 G, AB489614, SNPPD4K8C/16 G, AA318912
32GB	SP396139	DDR4	SO DIMM	260 Pin DIMM	PHS-memory®	
32GB	SP396140	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.com/-W5Y>



Contact Information

PHS-electronic gmbh
- www.phs-memory.com -
Karl-Götz-Str. 5
97424 Schweinfurt
Germany

Phone: +49 9721 784678
E-Mail: info@phs-memory.com
Web: www.phs-memory.com

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>