

# 16GB Computer memory DDR4 for Dell Precision T7910 Rack RDIMM







## 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	ja
JEDEC Norm	PC4-17000R
Туре	RDIMM (ECC Registered)
Number of pins	288 Pin DIMM
Memory data transfer rate	2133MHz @ CL15
Voltage	1,2 Volt
Speciality	-
Board dimensions	133,35 x 31,25 (LxB mm)
Operating temperature	0° C - 85° C
Storage temperature	-40° C - +95° C
RoHS compliant	Yes
SKU	SP146436
EAN	4055069213867

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 sytem:

System manufacturer	Dell
Device type	Workstation
Device family	Precision Workstation
Device series	T7000 Serie
Device name	Precision T7910 Rack
Maximum memory*	ЗТВ
Number of memory sockets	12

<sup>\*</sup>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:

- The system supports RDIMM and RDIMM 3DS (Registered DIMM) or LRDIMM and LRDIMM 3DS (Load Reduced DIMM) memory modules. Large memory capacities can be realised with LRDIMM 3DS modules.
- RDIMM and RDIMM 3DS memory modules cannot be operated together with LRDIMM and LRDIMM 3DS main memories.
- If a memory expansion is to be made with the already existing RAM memories, it must be checked which basic memory technology (RDIMM / LRDIMM) is available.
- Memory slots without a processor may not be used.
- If memory modules are provided with higher speeds than specified by the system, the memory speed is automatically adjusted to the system specifications.

#### memory for Intel Xeon CPUs:

CPU / System	RDIMM	LRDIMM	
Xeon E5-16xx v3	8GB RDIMM	32GB LRDIMM	
Xeon E5-26xx v3	16GB RDIMM	64GB LRDIMM DDP	
Xeon E5-46xx v3	32GB RDIMM	128GB LRDIMM DDP	
	64GB RDIMM DDP	128GB LRDIMM 3DS	
	128GB RDIMM 3DS	256GB LRDIMM 3DS	
	256GB RDIMM 3DS		



# 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 T7910 Rack

32GB SP463377 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered)  64GB SP146440 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® SNP4JMGMC/	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
Registered)         SNP1R8CRC/1 G           32GB         SP463377         DDR4         RDIMM (ECC Registered)         288 Pin DIMM         PHS-memory®         SNP4JMGMC/4G, A9781930           64GB         SP146440         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory®         SNP4JMGMC/4G, A9781930           64GB         SP463378         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP463379         DDR4         RDIMM (ECC 288 Pin DIMM         PHS-memory®	8GB	SP146437	137 DDR4		288 Pin DIMM	PHS-memory®	A7910487
Registered)           64GB         SP146440         DDR4         LRDIMM (ECC LR DIMM)         288 Pin DIMM         PHS-memory® AG, A9781930           64GB         SP463378         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP463379         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®	16GB	SP146436	136 DDR4	•	288 Pin DIMM	PHS-memory®	SNP1R8CRC/16
LR DIMM)         4G, A9781930           64GB         SP463378         DDR4         RDIMM (ECC Registered) 3DS         288 Pin DIMM         PHS-memory®           128GB         SP463379         DDR4         RDIMM (ECC 288 Pin DIMM PHS-memory®	32GB	SP463377	377 DDR4	•	288 Pin DIMM	PHS-memory®	
Registered) 3DS  128GB SP463379 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory®	64GB	SP146440	140 DDR4	•	288 Pin DIMM	PHS-memory®	SNP4JMGMC/6 4G, A9781930
	64GB	SP463378	378 DDR4	•	288 Pin DIMM	PHS-memory®	
	128GB	SP463379	379 DDR4	,	288 Pin DIMM	PHS-memory®	
128GB SP463375 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM) 3DS	128GB	SP463375	375 DDR4	•	288 Pin DIMM	PHS-memory®	
256GB SP463380 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS	256GB	SP463380	380 DDR4	•	288 Pin DIMM	PHS-memory®	
256GB SP463376 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM) 3DS	256GB	SP463376	376 DDR4	•	288 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.es/-W5Y



## Contact Information

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#### Product Datasheet | SP146436 16GB Computer memory for Precision T7910 Rack



All information without guarantee. Technical changes and errors excepted. You can find current price information in our online shop at https://www.phs-memory.es