

128GB (2x64GB) Kit Computer memory DDR4 for Dell Precision 5820 Tower (Intel Xeon CPU W-22xx) 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	64GB
Memory technology	DDR4
ECC support	yes
JEDEC Norm	PC4-23400-R
DRAM Organization	4Gx4
Rank	2Rx4
Туре	RDIMM (ECC Registered)
Number of pins	288 Pin DIMM
Memory data transfer rate	2933MHz @ CL21
Voltage	1,2 Volt
Speciality	-, DDP
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	SP521096
EAN	4067488852497

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	5800 Serie
Device name	Precision 5820 Tower (Intel Xeon CPU W-22xx)
Standard memory	8GB / 16GB
Maximum memory*	2TB / 512GB according to manufacturer
Number of memory sockets	8

^{*} 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:

- In the device, you can install RDIMM (Registered DIMM) or LRDIMM (Load Reduced DIMM) RAM memory modules. LRDIMM memory is recommended when aiming for large memory capacities.
- RDIMM memory modules cannot be used together with LRDIMM memories.
- If a memory expansion is to be used with existing RAM memories, it must be checked which memory technology (RDIMM / LRDIMM) is already installed in the device.

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 5820 Tower (Intel Xeon CPU W-22xx)

8GB SP521066 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 16GB SP521071 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 8GB SP521093 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 32GB SP521067 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 32GB SP521095 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 16GB SP521094 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP521068 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP521064 DDR4 LRDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 128GB SP521069 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP521096 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP521091 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS	Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
Registered) 8GB SP521093 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 32GB SP521067 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 32GB SP521095 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 16GB SP521094 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP521068 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 128GB SP521064 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 128GB SP521065 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP521096 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP521091 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory®	8GB	SP521066	DDR4	•	288 Pin DIMM	PHS-memory®	
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256GB SP521070 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS	256GB	SP521070	DDR4	•	288 Pin DIMM	PHS-memory®	
128GB SP521097 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS	128GB	SP521097	DDR4		288 Pin DIMM	PHS-memory®	
128GB SP521092 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM) 3DS	128GB	SP521092	DDR4	•	288 Pin DIMM	PHS-memory®	
256GB SP521098 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS	256GB	SP521098	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.fr/-W5Y



Contact Information

PHS-electronic gmbh - www.phs-memory.fr -Karl-Götz-Str. 5 97424 Schweinfurt Allemagne Phone: +49 9721 784678 E-Mail: info@phs-memory.fr Web: www.phs-memory.fr

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