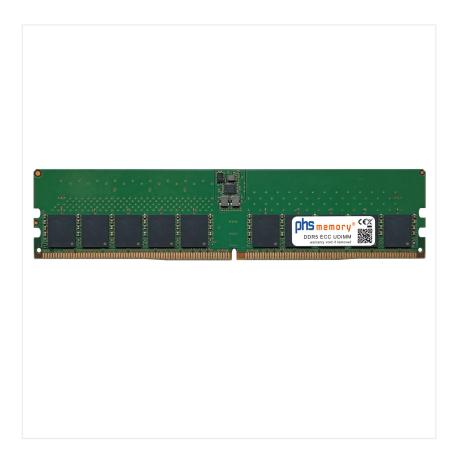


48GB Computer memory DDR5 for ASRock Rack W680D4U-2L2T/G5 UDIMM ECC





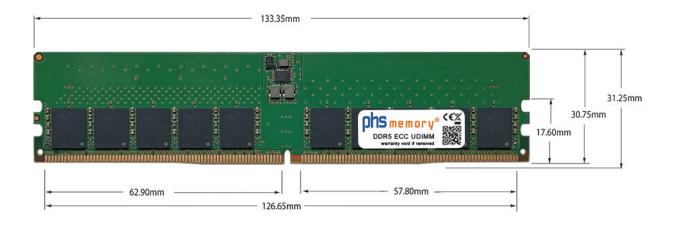


PHS-memory® - computer memory with 100% quality

- 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 | 48GB | | |
|---------------------------|----------------------------|--|--|
| Memory technology | DDR5 | | |
| ECC support | ja | | |
| JEDEC Norm | PC5-44800-E | | |
| Туре | UDIMM ECC (ECC unbuffered) | | |
| Number of pins | 288 Pin 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 | SP570358 | | |
| EAN | 4069169409853 | | |
| | | | |

overRAMing - maximize your RAM



Most systems - including the ASRock Rack W680D4U-2L2T/G5 - 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 PHSmemory® 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.



System Specifications

The memory is 100% compatible with this sytem:

| System manufacturer | ASRock | | |
|--------------------------|---|--|--|
| Device type | Motherboard-memory | | |
| Device family | Rack | | |
| Device series | W680D4U Serie | | |
| Device name | Rack W680D4U-2L2T/G5 | | |
| Maximum memory* | 192GB / 128GB according to manufacturer | | |
| Number of memory sockets | 4 | | |

^{*} The specifications for the maximum memory upgrade may differ from those of the manufacturer ASRock. 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

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.
- Um die 24GB & 48GB memory modules nutzen zu können, benötigen Sie zwingend die korrekte Intel-Revision.
- Unsere memoryexperten unterstützten Sie gerne bei der Auswahl des korrekten computer memory modules. Bitte nehmen vor der order eines 24GB or 48GB computer memory modules with uns Contact Information auf.

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 ASRock Rack W680D4U-2L2T/G5

| Size | SKU | Technology | Туре | Number of pins | Brand | Reference no. |
|------|----------|------------|-----------------------------------|----------------|-------------|---------------|
| 8GB | SP501419 | DDR5 | UDIMM (Non- ECC unbuffered) | 288 Pin DIMM | PHS-memory® | |
| 16GB | SP501420 | DDR5 | UDIMM (Non- ECC unbuffered) | 288 Pin DIMM | PHS-memory® | |
| 16GB | SP501417 | DDR5 | UDIMM ECC (ECC unbuffered) | 288 Pin DIMM | PHS-memory® | |
| 24GB | SP501421 | DDR5 | UDIMM (Non- ECC unbuffered) | 288 Pin DIMM | PHS-memory® | |
| 32GB | SP501422 | DDR5 | UDIMM (Non- ECC unbuffered) | 288 Pin DIMM | PHS-memory® | |
| 32GB | SP501418 | DDR5 | UDIMM ECC (ECC unbuffered) | 288 Pin DIMM | PHS-memory® | |
| 48GB | SP570358 | DDR5 | UDIMM ECC (ECC unbuffered) | 288 Pin DIMM | PHS-memory® | |
| 48GB | SP501423 | DDR5 | UDIMM (Non- ECC unbuffered) | 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.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

Product Datasheet | SP570358 48GB Computer memory for Rack W680D4U-2L2T/G5



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