

32GB Computer memory DDR4 for Supermicro X10DRH-iT RDIMM

| | ρhs memory [®] |
|---|--|
| | 89,83 EUR plus VAT 106,90 EUR incl. VAT in magazzino |
| DDRA RDIM Waranty ved di farence | https://www.phs-memory.it Version: 29.08.2025 21:15 |
| THE ENCOUNTERPORT ENCOUNTERPORT OF A CARLEND AND A CARL | Your benefits |
| | verified quality memory |
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- many years of IT competence
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- Products with unique serial number for service and warranty
- Pre-sales and after-sales support by technically trained personnel



Memory Specification



| Memory size | 32GB |
|---------------------------|-------------------------|
| Memory technology | DDR4 |
| ECC support | ја |
| JEDEC Norm | PC4-19200R |
| DRAM Organization | 2Gx4 |
| Rank | 2Rx4 |
| Туре | RDIMM (ECC Registered) |
| Number of pins | 288 Pin DIMM |
| Memory data transfer rate | 2400MHz @ CL17 |
| 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 | SP254824 |
| EAN | 4063369230132 |

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 | Supermicro |
|--------------------------|---------------------------------------|
| Device type | Server-Mainboard |
| Device family | Mainboard X |
| Device series | X10 Serie |
| Device name | X10DRH-iT |
| Maximum memory* | 2TB / 512GB according to manufacturer |
| Number of memory sockets | 16 |

* The specifications for the maximum memory upgrade may differ from those of the manufacturer Supermicro. 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.
- A higher memory clock of the memory module automatically adapts to the memory clock specified by the system. This can be the case especially with larger capacities.

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 Supermicro X10DRH-iT

| 8GBSP254825DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®16GBSP254823DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®32GBSP254824DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP466977DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP254822DDR4LRDIMM (ECC LR DIMM)288 Pin DIMMPHS-memory® | Reference no. | Brand | Number of pins | Туре | Technology | SKU | Size |
|---|---------------|-------------|----------------|------|------------|----------|-------|
| Registered)32GBSP254824DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP466977DDR4RDIMM (ECC Registered)288 Pin DIMMPHS-memory®64GBSP254822DDR4LRDIMM (ECC 288 Pin DIMM288 Pin DIMMPHS-memory® | | PHS-memory® | 288 Pin DIMM | • | DDR4 | SP254825 | 8GB |
| Registered) 64GB SP466977 DDR4 RDIMM (ECC Registered) 288 Pin DIMM PHS-memory® 64GB SP254822 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® | | PHS-memory® | 288 Pin DIMM | • | DDR4 | SP254823 | 16GB |
| Registered) 64GB SP254822 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® | | PHS-memory® | 288 Pin DIMM | • | DDR4 | SP254824 | 32GB |
| | | PHS-memory® | 288 Pin DIMM | • | DDR4 | SP466977 | 64GB |
| | | PHS-memory® | 288 Pin DIMM | • | DDR4 | SP254822 | 64GB |
| 128GB SP474241 DDR4 RDIMM (ECC 288 Pin DIMM PHS-memory® Registered) 3DS | | PHS-memory® | 288 Pin DIMM | • | DDR4 | SP474241 | 128GB |
| 128GB SP474239 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM) 3DS | | PHS-memory® | 288 Pin DIMM | • | DDR4 | SP474239 | 128GB |
| 128GB SP254820 DDR4 LRDIMM (ECC 288 Pin DIMM PHS-memory® LR DIMM) | | PHS-memory® | 288 Pin DIMM | • | DDR4 | SP254820 | 128GB |

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.it/-W5Y



Contact Information

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