

# 8GB Computer memory DDR3 for Supermicro SuperServer 6016T-MTHF UDIMM ECC





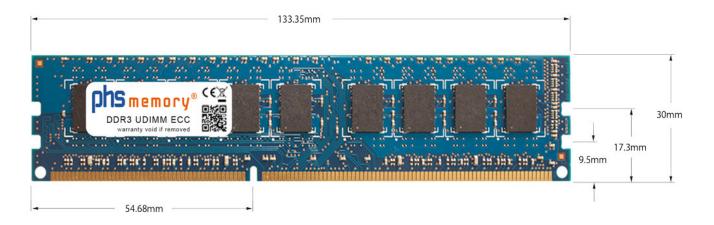


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## Memory Specification



| Memory size               | 8GB                        |  |  |  |
|---------------------------|----------------------------|--|--|--|
| Memory technology         | DDR3                       |  |  |  |
| ECC support               | yes                        |  |  |  |
| JEDEC Norm                | PC3-10600E                 |  |  |  |
| DRAM Organization         | 512Mx8                     |  |  |  |
| Rank                      | 2Rx8                       |  |  |  |
| Туре                      | UDIMM ECC (ECC unbuffered) |  |  |  |
| Number of pins            | 240 Pin DIMM               |  |  |  |
| Memory data transfer rate | 1333MHz @ CL9              |  |  |  |
| Speciality                | -                          |  |  |  |
| Board dimensions          | 133,35 x 30 (LxB mm)       |  |  |  |
| Operating temperature     | 0° C - 85° C               |  |  |  |
| Storage temperature       | -40° C - +95° C            |  |  |  |
| RoHS compliant            | yes                        |  |  |  |
| SKU                       | SP147378                   |  |  |  |
| EAN                       | 4055069220285              |  |  |  |

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:

| Device type       Server         Device family       SuperServer         Device series       6016 Serie         Device name       SuperServer 6016T-MTHF         Maximum memory*       384GB / 192GB according to manufacturer         Number of memory sockets       12 | System manufacturer      | Supermicro             |
|--|--------------------------|------------------------|
| Device series  6016 Serie  SuperServer 6016T-MTHF  Maximum memory*  384GB / 192GB according to manufacturer  | Device type              | Server                 |
| Device name  SuperServer 6016T-MTHF  Maximum memory*  384GB / 192GB according to manufacturer  | Device family            | SuperServer            |
| Maximum memory*  384GB / 192GB according to manufacturer   | Device series            | 6016 Serie             |
| manufacturer   | Device name              | SuperServer 6016T-MTHF |
| Number of memory sockets 12  | Maximum memory*          |                        |
|  | Number of memory sockets | 12                     |

<sup>\*</sup> 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 device supports ECC DIMM (with error correction code) or RDIMM (Registered DIMM) RAM memories. RDIMM memories are recommended when large memory capacities are to be achieved.
- The different memory technologies (ECC / RDIMM) may not be mixed.
- If a memory expansion is to be made with the already existing RAM memories, it must be checked which memory technology (ECC/ RDIMM) is already installed in the system.
- 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.
- Memory slots without a processor may not be used.

#### 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

#### Product Datasheet | SP147378 8GB Computer memory for SuperServer 6016T-MTHF



General installation instructions are supplied by E-Mail.



#### Further memory options for Supermicro SuperServer 6016T-MTHF

| Size | SKU      | Technology | Туре                             | Number of pins | Brand       | Reference no. |
|------|----------|------------|----------------------------------|----------------|-------------|---------------|
| 4GB  | SP147377 | DDR3       | UDIMM ECC<br>(ECC<br>unbuffered) | 240 Pin DIMM   | PHS-memory® |               |
| 8GB  | SP147382 | DDR3       | RDIMM (ECC<br>Registered)        | 240 Pin DIMM   | PHS-memory® |               |
| 8GB  | SP147378 | DDR3       | UDIMM ECC<br>(ECC<br>unbuffered) | 240 Pin DIMM   | PHS-memory® |               |
| 16GB | SP147379 | DDR3       | RDIMM (ECC<br>Registered)        | 240 Pin DIMM   | PHS-memory® |               |
| 8GB  | SP147383 | DDR3       | RDIMM (ECC<br>Registered)        | 240 Pin DIMM   | PHS-memory® |               |
| 32GB | SP463510 | DDR3       | RDIMM (ECC<br>Registered)        | 240 Pin DIMM   | PHS-memory® |               |
| 16GB | SP147380 | DDR3       | RDIMM (ECC<br>Registered)        | 240 Pin DIMM   | PHS-memory® |               |
| 32GB | SP463511 | DDR3       | RDIMM (ECC<br>Registered)        | 240 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



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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.es

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