

## 8GB Computer memory DDR3 for Fujitsu CELSIUS R670-2 (D2618) UDIMM ECC



**phs** memory®

**32,27 EUR**

plus VAT

**38,40 EUR**

incl. VAT

en stock

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### Your benefits

- ✓ verified quality memory
- ✓ 5 years warranty  
Warranty details see last page
- ✓ 100% compatible
- ✓ free support on our hotline
- ✓ fast delivery

## 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).
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- 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               | 8GB                        |
| Memory technology         | DDR3                       |
| ECC support               | yes                        |
| JEDEC Norm                | PC3-10600E                 |
| DRAM Organization         | 512Mx8                     |
| Rank                      | 2Rx8                       |
| Type                      | 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                       | SP463544                   |
| EAN                       | 4067488270499              |

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 system:

|                                 |                                                                                                                                                                                                                                                         |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>System manufacturer</b>      | Fujitsu                                                                                                                                                                                                                                                 |
| <b>Device type</b>              | Workstation                                                                                                                                                                                                                                             |
| <b>Device family</b>            | CELSIUS                                                                                                                                                                                                                                                 |
| <b>Device series</b>            | R600 Serie                                                                                                                                                                                                                                              |
| <b>Device name</b>              | CELSIUS R670-2 (D2618)                                                                                                                                                                                                                                  |
| <b>Maximum memory*</b>          | 384GB                                                                                                                                                                                                                                                   |
| <b>Number of memory sockets</b> | 12                                                                                                                                                                                                                                                      |
| <b>Annotation</b>               | You can use ECC UDIMM or RDIMM, but not mixed in the server. 48GB maximum with UDIMM (12 x 4GB) 384GB maximum with RDIMM (12 x 32GB). Optimal performance: Distribute the memories evenly across the memory slots and CPUs. We are happy to advise you! |

\* The specifications for the maximum memory upgrade may differ from those of the manufacturer Fujitsu. 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

### Aufrüstung des Computer memorys im Primergy R670-2

Ihr server verfügt pro CPU über 6 memorysteckplätze, die in 2 Slotgruppen à 3 memory slotsn organisiert sind.

You can occupy the slots with RAM using ECC UDIMM (Unbuffered) memories or RDIMM (Registered) server memories. Diese beiden verschiedenen Technologien können nicht zusammen im System betrieben werden. Bei einer Aufrüstung sollten Sie deshalb wissen, welche memory bereits vorhanden sind or komplett auf RDIMM aufrüsten.

To achieve good system performance, it is recommended to distribute the memory evenly among the memory slots and evenly among the CPUs.

With the assembly of 3 identical memories per 3 slot group and the assembly of all slot groups, the performance in peak loads is up to 3 times faster than with a single assembly of the 3 slot group.

The different groups of 3 slots do not have to have the same capacities.

If there is more than one CPU, the memory per CPU should be identically populated (mirrored to the other CPU). Es können nur die memorysteckplätze genutzt werden, bei denen die jeweilige CPU vorhanden ist.

## 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 Fujitsu CELSIUS R670-2 (D2618)

| Size | SKU      | Technology | Type                       | Number of pins | Brand       | Reference no.      |
|------|----------|------------|----------------------------|----------------|-------------|--------------------|
| 4GB  | SP232022 | DDR3       | UDIMM ECC (ECC unbuffered) | 240 Pin DIMM   | PHS-memory® | S26361-F3377-L 415 |
| 8GB  | SP463544 | DDR3       | UDIMM ECC (ECC unbuffered) | 240 Pin DIMM   | PHS-memory® |                    |
| 8GB  | SP149713 | DDR3       | RDIMM (ECC Registered)     | 240 Pin DIMM   | PHS-memory® | S26361-F3377-L 426 |
| 16GB | SP154720 | DDR3       | RDIMM (ECC Registered)     | 240 Pin DIMM   | PHS-memory® |                    |
| 32GB | SP154721 | DDR3       | RDIMM (ECC 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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Garantie**

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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>