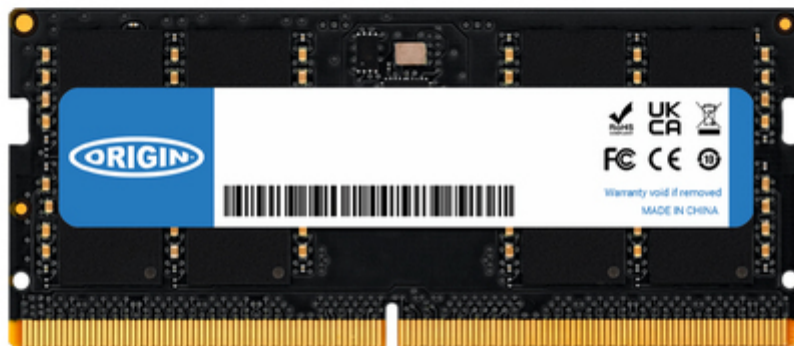




# Product Datasheet

32GB DDR5 5600MHz SODIMM 1Rx8 Non-ECC 1.1V  
memory module



- **Product Code:** MTC16C2085S1SC48B-OS
- **Product EAN:** 5059902131713
- **Warranty:**

Origin Storage 32GB DDR5 5600MHz SODIMM 1Rx8 Non-ECC 1.1V memory module

## Technical Specifications

Technical Details

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|                                 |      |
|---------------------------------|------|
| <b>Compliance Certificates:</b> | RoHS |
|---------------------------------|------|

## Weight & Dimensions

|                |        |
|----------------|--------|
| <b>Depth:</b>  | 3.8 mm |
| <b>Weight:</b> | 100 g  |

## Operational Conditions

|                                           |             |
|-------------------------------------------|-------------|
| <b>Operating Temperature (T-T):</b>       | 0 - 85 °C   |
| <b>Storage Temperature (T-T):</b>         | -25 - 95 °C |
| <b>Operating Relative Humidity (H-H):</b> | 10 - 80%    |
| <b>Storage Relative Humidity (H-H):</b>   | 10 - 85%    |

## Features

|                                             |                           |
|---------------------------------------------|---------------------------|
| <b>Internal Memory:</b>                     | 32 GB                     |
| <b>Memory Layout (modules X Size):</b>      | 1 x 8 GB                  |
| <b>Internal Memory Type:</b>                | DDR5                      |
| <b>Component For:</b>                       | Laptop                    |
| <b>Memory Form Factor:</b>                  | 262-pin SO-DIMM           |
| <b>ECC:</b>                                 | No                        |
| <b>Buffered Memory Type:</b>                | Unregistered (unbuffered) |
| <b>Memory Clock Speed:</b>                  | 5600 MHz                  |
| <b>Memory Ranking:</b>                      | 1                         |
| <b>Memory Voltage:</b>                      | 1.1 V                     |
| <b>Backlight:</b>                           | No                        |
| <b>Windows Operating Systems Supported:</b> | Yes                       |
| <b>Linux Operating Systems Supported:</b>   | Yes                       |

# Origin Storage Limited

2-4 Rutherford Centre, Rutherford Road, Basingstoke, Hampshire, RG24 8PB UK

**Tel:** [+44 \(0\)1256 351500](tel:+44(0)1256351500) | **E-Mail:** [sales@originstorage.com](mailto:sales@originstorage.com) | **Web:** [www.originstorage.com](http://www.originstorage.com)

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