

# MIC432

## 2.5" SATA III SSD Memory Module



### Features

- Form-factor: 2.5";
- Power supply voltage: 5 V DC  $\pm$  5%;
- Power consumption: no more than 3.5 W
- Weight (max): 0.11 kg;
- Dimensions (no more than): 100.5 mm x 70.0 mm x 9.5 mm;
- Resistance to vibration: 5g;
- Enhanced functionalities: write protection (add. connector), int. memory erasure, pwr failures protection;
- Operating temperature range: from - 40° C to +85°;
- MTBF: 3,000,000 hours.

### Overview

The MIC432 memory module is a data storage device with SATA III interface based on the memory chips of the NAND-type, manufactured using the SLC (Single-Level Cell) technology and data destruction software unit.

Enhanced functionalities:

- write protection (on additional connector);
- integrated memory erasure using a certain algorithm (on additional connector);
- protection against unexpected power failures.

### Technical Specifications

#### Form-factor

- 2.5"

#### Interface

- SATAIII

#### Power supply voltage

- 5 V DC  $\pm$  5%

#### Power consumption

- No more than 3.5 W

#### Dimensions (no more than)

- 100.5 mm x 70.0 mm x 9.5 mm

#### Weight (max)

- 0.11 kg

#### Operating temperature range

- from - 40 to +85 °C

#### Resistance to vibration

- 5g

#### Resistance to single shocks

- 150 g

#### Resistance to multiple shocks

- 100g

#### MTBF

- 3,000,000 hours.



# MIC432

## 2.5" SATA III SSD Memory Module

### Ordering Information

#### MIC432 Configuration

##### MIK432 / Options

###### Configurations

**MIC432-01** 2.5" SATA III, 128GB, - 40 to +85 °C

**MIC432-02** 2.5" SATA III, 256GB, - 40 to +85 °C

Conformal coating option is available and is specified as **\COATED**

Version with a function of physical destruction of the module's radio electronic element is available upon separate request

##### Delivery checklist

**MIC432 delivery checklist contains:**

1. MIC432 2.5" SATA III SSD Memory Module
2. Packaging.

### Corporate Offices

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Product specifications are subject to change without notice



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