

Datasheet

# Slim SSD

## 3ME series

- SATA III solution for industrial field
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Alternatively solution of 2.5" SSD



## Introduction

Innodisk Slim SSD 3ME is SATA III 6Gb/s Flash based disk, which designed with standard SATA interface (7+15 SATA connector). With its smaller dimension, Slim SSD 3ME is an alternative solution of 2.5" SSD for those embedded system that may have mechanical and space concerns. Innodisk Slim SSD 3ME operates under SATA III (6.0Gb/s) interface with excellent performance and reliability making it the ideal solution for a variety of applications, including embedded system, and industrial field.

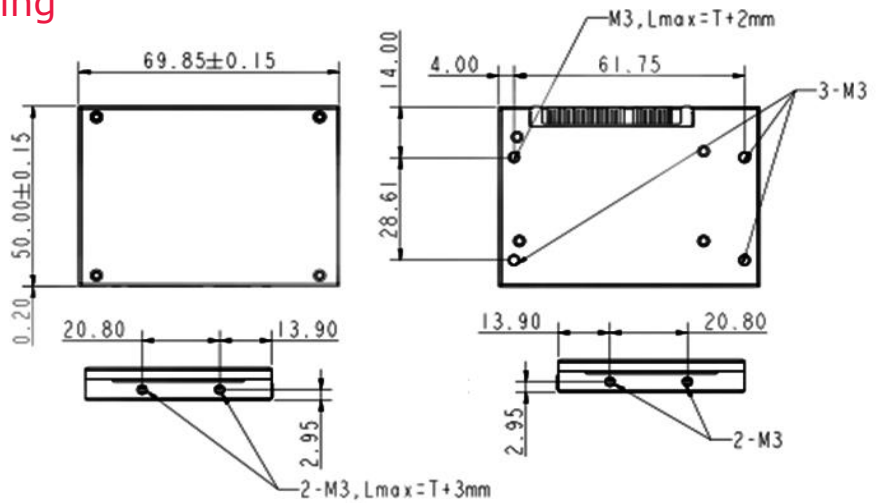
# Slim SSD

## 3ME series

### Drawing

**Contact us for more information  
about the SATA Slim 3ME**

Innodisk is a service-driven provider of industrial embedded flash and DRAM storage products and technologies, with a focus on the industrial/embedded, aerospace and defense, and cloud computing industries.



## Specifications

|                               |                                                                                                                 |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Interface                     | SATA III                                                                                                        |
| Flash Type                    | MLC                                                                                                             |
| Capacity                      | 4GB~64GB                                                                                                        |
| Max. Channels                 | 2                                                                                                               |
| Sequential R/W (MB/sec, max.) | 460 / 80                                                                                                        |
| Max. Power Consumption        | 1.6W (5V x 310 mA )                                                                                             |
| Thermal Sensor                | ST- Optional                                                                                                    |
| External DRAM Buffer          | -                                                                                                               |
| H/W Write Protect             | -                                                                                                               |
| Pin7 Power                    | -                                                                                                               |
| ATA Security                  | ✓                                                                                                               |
| S.M.A.R.T.                    | ✓                                                                                                               |
| Dimension (WxLxH)             | 69.85 X 50.0 X 9.0 mm                                                                                           |
| Environment                   | Vibration: 20G @7~2000Hz<br>Shock: 1500G @ 0.5ms<br>Storage Temperature: -55°C ~ +95°C<br>MTBF: 3 million hours |

#### Headquarters (Taiwan)

5F., No.237, Sec. 1, Datong Rd.,  
Xizhi Dist., New Taipei City,  
Taiwan (R.O.C.)  
Tel: +886-2-77033000  
Email: sales@innodisk.com

#### Branch Offices:

USA  
[usasales@innodisk.com](mailto:usasales@innodisk.com)  
+1-510-770-9421  
Europe  
[eusales@innodisk.com](mailto:eusales@innodisk.com)  
+31-040-282-1818  
Japan  
[jpsales@innodisk.com](mailto:jpsales@innodisk.com)  
+81-45-594-7581  
China  
[sales\\_cn@innodisk.com](mailto:sales_cn@innodisk.com)  
+86-755-21673689  
[www.innodisk.com](http://www.innodisk.com)

© 2014 Innodisk Corporation.  
All right reserved. Specifications  
are subject to change without  
prior notice.

## Ordering Information

20150331

| Operation Temp.                 | 4GB               | 8GB               | 16GB              | 32GB              | 64GB              |
|---------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Standard Grade<br>(0°C ~ +70°C) | DEMLM-04GD07RC1SC | DEMLM-08GD07RC1SC | DEMLM-16GD07RC1DC | DEMLM-32GD07RC1DC | DEMLM-64GD07RC1DC |

**innodisk**

[www.innodisk.com](http://www.innodisk.com)

(ES) Equipements Scientifiques SA - Département Modules & Systèmes Informatiques - 127 rue de Buzenval BP 26 - 92380 Garches  
Tél. 01 47 95 99 80 - Fax. 01 47 01 16 22 - e-mail: [msi@es-france.com](mailto:msi@es-france.com) - Site Web: [www.es-france.com](http://www.es-france.com)