

Datasheet

2.5" SATA SSD

3ME2 series

- SATA III solution for industrial field
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Support iData Guard
- Support TRIM/NCQ



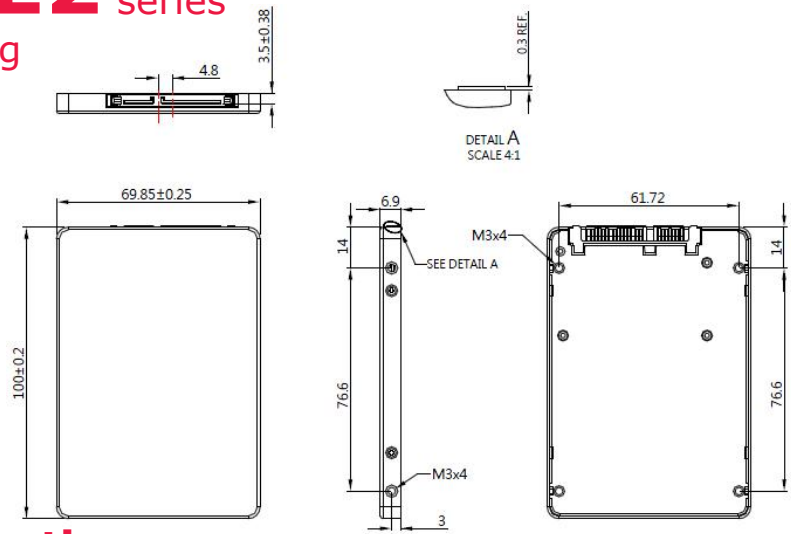
Introduction

Innodisk 2.5" SATA SSD 3ME2 is SATA III 6Gb/s Flash based disk, which delivers excellent performance and reliability making it the ideal solution for a variety of applications, including embedded system, industrial computing, and enterprise field. 2.5" SATA SSD 3ME2 not only performs unmatched performance, but also designed with Innodisk owned technical knowhow to ensure the data integrity and highest levels of reliability.

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Drawing



Contact us for more information about the 2.5" SATA SSD 3ME2

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 | 8GB~512GB |
| Max. Channels | 4 |
| Sequential R/W (MB/sec, max.) | 510 / 330 |
| Max. Power Consumption | 2.08W (5V x 417 mA) |
| Thermal Sensor | √ |
| External DRAM Buffer | - |
| H/W Write Protect | - |
| Pin7 Power | - |
| ATA Security | √ |
| S.M.A.R.T. | √ |
| Dimension (WxLxH) | 69.85 X 100.00 X 6.90 mm |
| Environment | Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours |

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Ordering Information

| Operation Temp. | 8GB | 16GB | 32GB | 64GB | 128GB | 256GB | 512GB |
|-------------------------------------|-------------------|-------------------|--|--|--|--|-------------------|
| Standard Grade (0°C ~ +70°C) | DES25-08GD72BC3SC | DES25-16GD72BC3SC | DES25-32GD72BC3DC DES25-32GD72SCCDN | DES25-64GD72BC3QC DES25-64GD72SCCQN | DES25-A28D72BC3QC DES25-A28D72SCAQN | DES25-B56D72BC3QC DES25-B56D72SCAQN | DES25-C12D72SCAQN |
| Industrial Grade (-40°C ~ +85°C) | DES25-08GD72BW3SC | DES25-16GD72BW3SC | DES25-32GD72BW3DC DES25-32GD72SWCDN | DES25-64GD72BW3QC DES25-64GD72SWCQN | DES25-A28D72BW3QC DES25-A28D72SWAQN | DES25-B56D72BW3QC DES25-B56D72SWAQN | DES25-C12D72SWAQN |

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