

Datasheet

2.5" SATA SSD

3ME series

- 2.5" SATA III solution for industrial field
- 7mm height mechanical design
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Enhanced power cycling management



Introduction

Innodisk 2.5" SATA SSD 3ME 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. 3ME 2.5" SSD not only performs unmatched performance, but also designed with Innodisk owned technical knowhow to ensure the data integrity and highest levels of reliability.

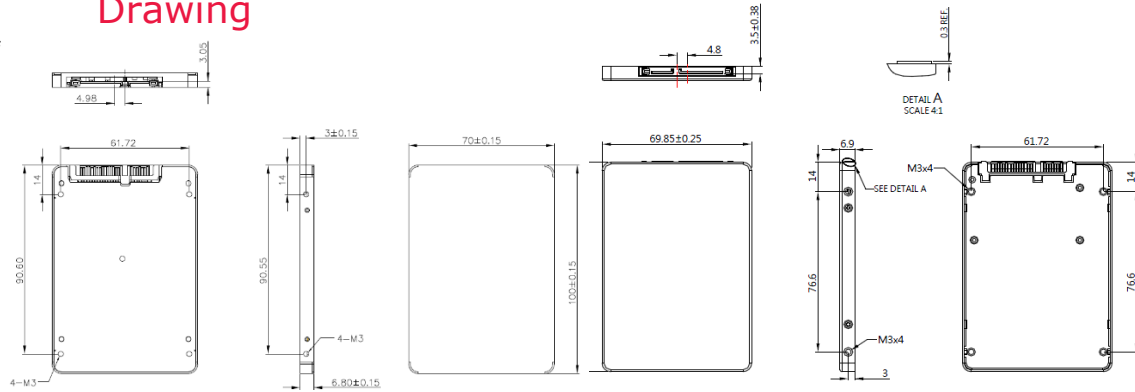
2.5" SATA SSD

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Drawing

Contact us for more information about the 2.5" SATA SSD 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.



*with ID106

*with ID107

Specifications

| | |
|-------------------------------|---|
| Interface | SATA III |
| Flash Type | MLC |
| Flash P/E Cycle Limit | 3000 |
| Capacity | 8GB~512GB |
| Max. Channels | 4 |
| Sequential R/W (MB/sec, max.) | 470/ 260 |
| Max. Power Consumption | 4.3 W (5V x 870 mA) |
| Thermal Sensor | ST- Optional/ WT- Default |
| External DRAM Buffer | - |
| H/W Write Protect | - |
| Pin7 Power | - |
| ATA Security | Supported |
| S.M.A.R.T. | Supported |
| Dimension (WxLxH) | 69.85 X 100.10 X 7.0 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) | DES25-08GD07RC1SC | DES25-16GD07RC1DC | DES25-32GD06RC1QC DES25-32GD07RC1DC | DES25-64GD06RC1QC | DES25-A28D06RC1QC | DES25-B56D06SC1QC | DES25-C12D06SC1QC |
| Industrial Grade (-40°C ~ +85°C) | DES25-08GD07SW1SC | DES25-16GD07SW1DC | DES25-32GD06SW1QC DES25-32GD07SW1DC | DES25-64GD06SW1QC | DES25-A28D06SW1QC | DES25-B56D06SW1QC | DES25-C12D06SW1QC |

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