

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.

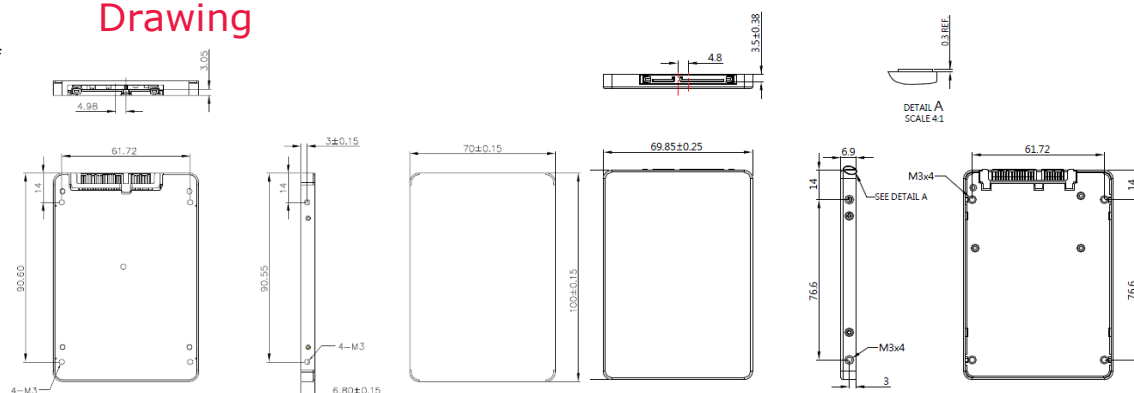
2.5" SATA SSD

3ME series

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.

Drawing



*with ID106

*with ID107

Specifications

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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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