

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



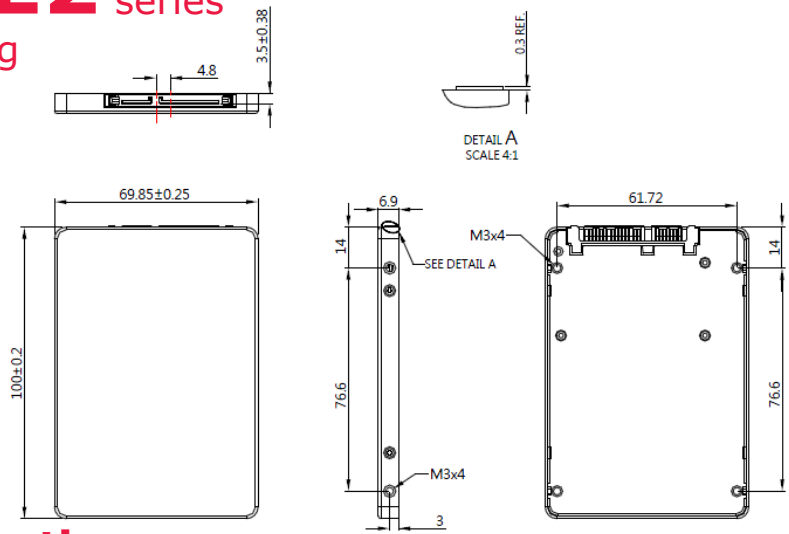
Introduction

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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