Datasheet

2.5” SATA SSD

3IE 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

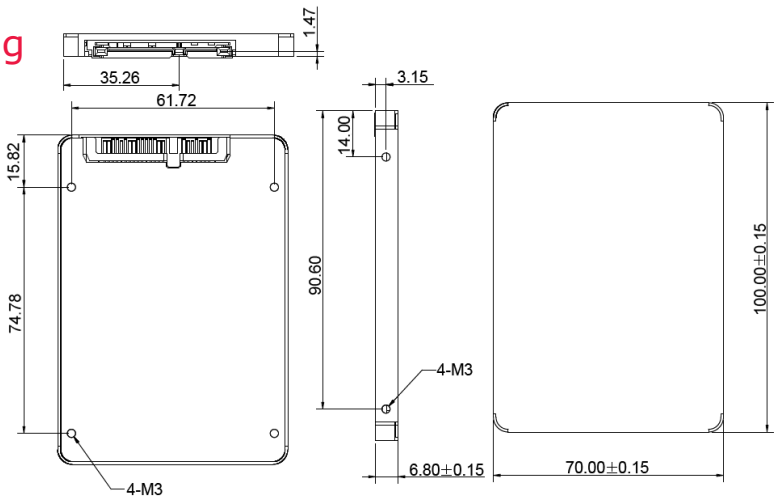
InnoDisk 2.5” SATA SSD 3IE is SATA III 6Gb/s Flash based disk, which delivers excellent performance and reliability making it the ideal solution for a variety of applications, including embedded system, industrial computing, and enterprise field. 3IE 2.5” SSD not only performs unmatched performance,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

2.5” SATA SSD 3IE series

Contact us for more information about the 2.5” SATA SSD 3IE

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



Specifications

Interface	SATA III
Flash Type	iSLC
Flash P/E Cycle Limit	20000
Capacity	8GB~128GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	500/ 420
Max. Power Consumption	4.3 W (5V x 870 mA)
Thermal Sensor	Optional
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

Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB	128GB
Standard Grade (0°C ~ +70°C)	DHS25-08GD063C1DC	DHS25-16GD063C1QC	DHS25-32GD063C1QC	DHS25-64GD063C1QC	DHS25-A28D063C1QC
Industrial Grade (-40°C ~ +85°C)	DHS25-08GD062W1DC	DHS25-16GD062W1QC	DHS25-32GD062W1QC	DHS25-64GD062W1QC	DHS25-A28D062W1QC

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