

Datasheet

2.5" SATA SSD

3MR-P series

- Compliant with MIL-STD-810-F/G
- Data security (QEraser/ SEraser/ Destroy/ Write Protect)
- High random R/W performance
- iSMART disk health monitoring
- Intelligent error recovery system
- Enhanced power cycling management
- iCell technology for data protection
- Conformal coating (optional)



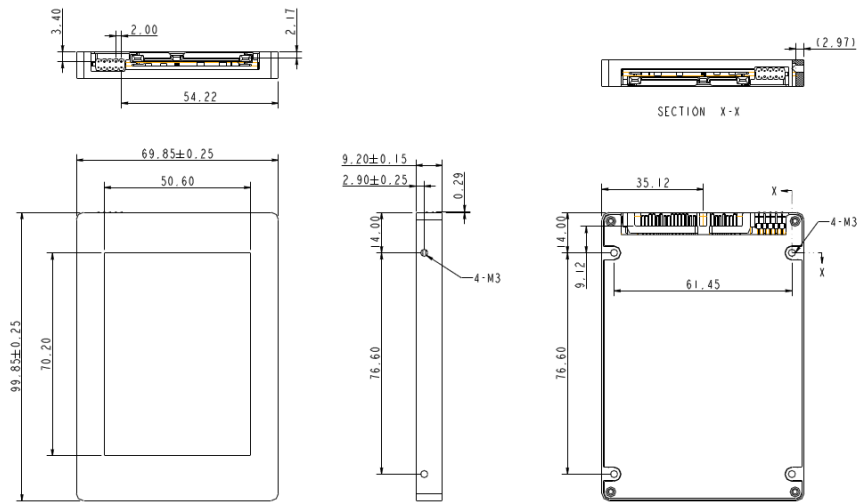
Introduction

Innodisk 2.5" SATA SSD 3MR-P is a SATA III 6.0Gb/s Flash based disk, which delivers excellent performance and reliability. Especially, it comes with several data security functions, including QEraser/ SEraser/ Destroy and also Write Protect. All the security functions can be triggered both by hardware and software approaches. 2.5" SATA SSD 3MR-P is compliant with MIL-STD-810F/G standards. The SSD is equipped ruggedized hardware design and thus it can perform well in the harsh environment. 2.5" SATA SSD 3MR-P is developed with Innodisk owned technical knowhow to ensure the data integrity and highest levels of reliability.

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3MR-P series

Drawing



Specifications

Interface	SATA III
Flash Type	MLC
Flash P/E Cycle Limit	3,000
Capacity	32GB~512GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	500 / 260
Max. Power Consumption	5 W (5V x 1A)
Thermal Sensor	√
External DRAM Buffer	√
H/W Write Protect	√
Pin7 Power	-
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	69.8 X 100.1 X 9.2 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

Contact us for more information about the 2.5" SATA SSD 3MR-P

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.

Headquarters (Taiwan)

9F., No.100, Sec. 1, Xintai 5th Rd.,
Xizhi Dist., New Taipei City,
Taiwan (R.O.C.)
Tel: +886-2-26963000
Email: sales@innodisk.com

Branch Offices:

USA
usasales@innodisk.com
+1-510-770-9421
Europe
eusales@innodisk.com
+31-040-282-1818
Japan
jpsales@innodisk.com
+81-45-594-7581
China
sales_cn@innodisk.com
+86-755-21673689
www.innodisk.com

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Ordering Information

Operation Temp.	32GB	64GB	128GB	256GB	512GB
Standard Grade (0°C ~ +70°C)	DRS25-32GD67SC1QC	DRS25-64GD67SC1QC	DRS25-A28D67SC1QC	DRS25-B56D67SC1QC	DRS25-C12D67SC1QC
Industrial Grade (-40°C ~ +85°C)	DRS25-32GD67SW1QC	DRS25-64GD67SW1QC	DRS25-A28D67SW1QC	DRS25-B56D67SW1QC	DRS25-C12D67SW1QC

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