

Datasheet

InnoRobust series

2.5" SATA SSD 3MR2-P

- 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 3MR2-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 Quick Erase/ Security Erase/ Destroy and also Write Protect. All the security functions can be triggered both by hardware and software approaches. 2.5" SATA SSD 3MR2-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 3MR2-P is developed with Innodisk owned technical knowhow to ensure the data integrity and highest levels of reliability.

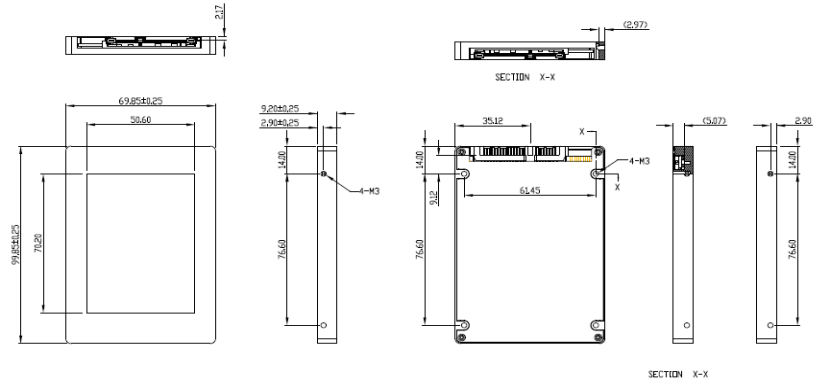
2.5" SATA SSD

3MR2-P series

Drawing

Contact us for more information about the 2.5" SATA SSD 3MR2-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.



Specifications

Interface	SATA III
Flash Type	MLC
Flash P/E Cycle Limit	3,000
Capacity	8GB~1TB
Max. Channels	4
Sequential R/W (MB/sec, max.)	520/450
Max. Power Consumption	5.78 W (5V x 1155 mA)
Thermal Sensor	Supported
External DRAM Buffer	Supported
H/W Write Protect	Optional
S/W Write Protect	Supported
Quick Erase	Supported
ATA Security	Supported
S.M.A.R.T.	Supported
Dimension (WxLxH)	69.85 X 100.10 X 9.2 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

Headquarters (Taiwan)

5F., No.237, Sec. 1, Datong Rd.,
Xizhi Dist., New Taipei City,
Taiwan (R.O.C.)
Tel: +886-2-77033000
Email: sales@innodisk.com

Branch Offices:

USA
usasales@innodisk.com
+1-510-770-9421

Europe
eusales@innodisk.com
+31-40-3045-400

Japan
jpsales@innodisk.com
+81-3-6667-0161

China
sales_cn@innodisk.com
+86-755-21673689
www.innodisk.com

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Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB	128GB	256GB	512GB	1TB
Standard Grade (0°C ~ +70°C)	DRS25-08GD81BC1 SCP	DRS25-16GD81BC1 SCP	DRS25-32GD81BC1DCP DRS25-32GD81BC1QCP	DRS25-64GD81BC1 QCP	DRS25-A28D81BC1 QCP	DRS25-B56D81BC1 QCP	DRS25-C12D81BC1 QCP	DRS25-01TD81BCA QCP
Industrial Grade (-40°C ~ +85°C)	DRS25-08GD81BW1 SCP	DRS25-16GD81BW1 SCP	DRS25-32GD81BC1DWP DRS25-32GD81BC1QWP	DRS25-64GD81BW1 QCP	DRS25-A28D81BW1 QCP	DRS25-B56D81BW1 QCP	DRS25-C12D81BW1 QCP	DRS25-01TD81BWA QCP

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