

Datasheet

1.8" SATA SSD

3MR3-P series

- 1.8" SATA III solution for industrial field
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Enhanced power cycling management



Introduction

Innodisk 1.8" SATA SSD 3MR3-P 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. 1.8" SATA SSD 3MR3-P not only performs unmatched performance, but also designed with Innodisk owned technical knowhow to ensure the data integrity and highest levels of reliability.

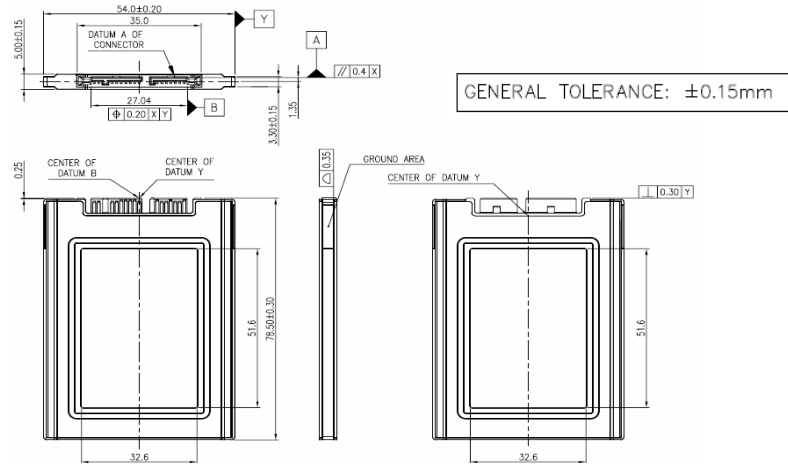
1.8" SATA SSD

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Drawing

Contact us for more information about the 1.8" SATA SSD 3MR3-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
Capacity	8GB~512GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	460 / 240
Max. Power Consumption	5 W (5V x 1A)
Thermal Sensor	✓
External DRAM Buffer	✓
H/W Write Protect	-
ATA Security	✓
S.M.A.R.T.	✓
Dimension (WxLxH)	54.0 X 78.5 X 5.00 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: +886-2-7703-3000
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
+81-3-6667-0161
China
sales_cn@innodisk.com
+86-755-2167-3689
www.innodisk.com

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Ordering Information

Operation Temp.	8GB	16GB	32GB	64GB	128GB	256GB	512GB
Standard Grade (0°C ~ +70°C)	DRS18-08GD70BC1SC	DRS18-16GD70BC1SC	DRS18-32GD70BC1DC	DRS18-64GD70BC1QC	DRS18-A28D70BC1QC	DRS18-B56D70BC1QC	DRS18-C12D70BC1QC
Industrial Grade (-40°C ~ +85°C)	DRS18-08GD70BW1SC	DRS18-16GD70BW1SC	DRS18-32GD70BW1DC	DRS18-64GD70BW1QC	DRS18-A28D70BW1QC	DRS18-B56D70BW1QC	DRS18-C12D70BW1QC