

Datasheet

SATA Slim 2MR series

- Compliant with MIL-STD-810-F/G
- Data Security (QEraser/ SEraser/ Destroy/ Write Protect)
- Conformal coating (Optional)
- Excellent data transfer rate



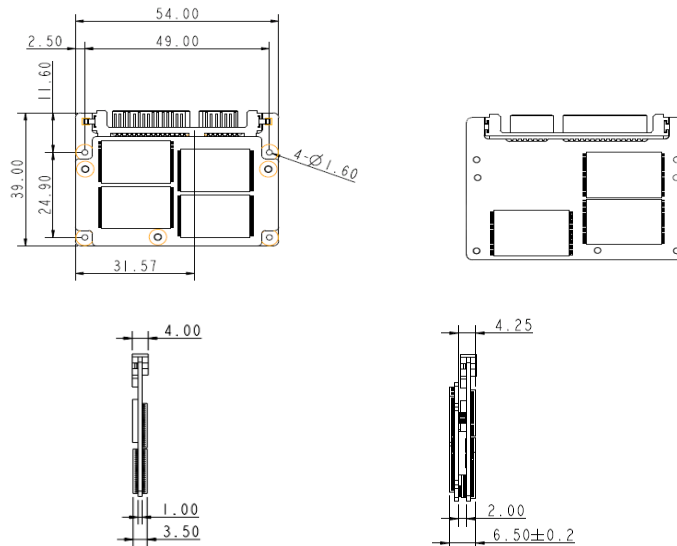
Introduction

Innodisk's SATA Slim 2MR is designed in a standard mini PCIe form factor with a SATA interface. It comes with several data security functions, including SEraser, QEraser, Destroy, Write Protect. The SATA Slim 2MR also supports the SATA II standard (3.0Gb/s) and is compliant with JEDEC MO-300 standards and SATA-IO mini SATA standards. The SATA Slim 2MR is an MLC-based flash device and is available in capacities from 16GB up to 128GB.

SATA Slim 2MR series Drawing

Contact us for more information
about the SATA Slim 2MR

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 II
Flash Type	MLC
Flash P/E cycle limit	3,000
Capacity	32GB~256GB
Max. Channels	8
Sequential R/W (MB/sec, max.)	190 / 120
Max. Power Consumption	2.9 W (5V x 580 mA)
Thermal Sensor	√
ATA Security	Supported
S.M.A.R.T.	Supported
Dimension (WxLxH)	29.8 X 50.8 X 3.5 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

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
+31-040-282-2382
Japan
jpsales@innodisk.com
+81-3-6661-9846
China
sales_cn@innodisk.com
+86-755-21673689
www.innodisk.com

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Ordering Information

Operation Temp.	32GB	64GB	128GB	256GB
Standard Grade (0°C ~ +70°C)	DRSLM-32GJ21AC1EN	DRSLM-64GJ21AC1EN	DRSLM-A28GJ21AC1EN	DRSLM-B56J21AC1EN
Industrial Grade (-40°C ~ +85°C)	DRSLM-32GJ21AW1EN	DRSLM-64GJ21AW1EN	DRSLM-A28GJ21AW1EN	DRSLM-B56J21AW1EN

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