

Datasheet

SATA Slim

3SE series

- SATA III solution for industrial field
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Zero mechanical interference
- Compatible with JEDEC MO-297 standard



Introduction

Innodisk SATA Slim 3SE is SATA III 6Gb/s Flash based disk, which designed with standard SATA interface (7+15 SATA connector), and compatible with JEDEC MO-297 standard. With its smaller dimension, SATA Slim 3SE is an alternative solution of 2.5" SSD for those embedded system that may have mechanical and space concerns. Innodisk SATA Slim 3SE operates under SATA III (6.0Gb/s) interface with excellent performance and reliability making it the ideal solution for a variety of applications, including embedded system, and industrial field.

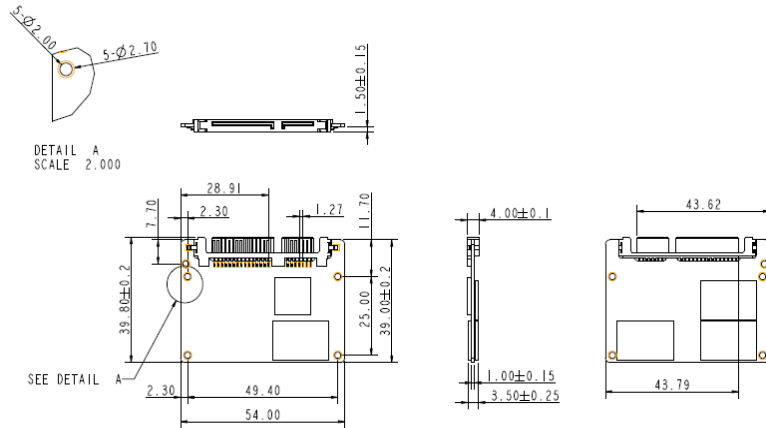
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Drawing

Contact us for more information about the SATA Slim 3SE

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	SLC
Flash P/E Cycle Limit	100,000
Capacity	4GB~128GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	470 / 370
Max. Power Consumption	1.1W (5V x 220 mA)
Thermal Sensor	ST- Optional/WT- Default
External DRAM Buffer	-
H/W Write Protect	-
Pin7 Power	-
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	54.0 X 39.0 X 4.0 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

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Ordering Information

Operation Temp.	4GB	8GB	16GB	32GB	64GB	128GB
Standard Grade (0°C ~ +70°C)	DESLM-04GD06SCADB	DESLM-08GD06SCAQB	DESLM-16GD06SCAQB	DESLM-32GD06SCAQB	DESLM-64GD06SCAQB	DESLM-A28D06SCAQB
Industrial Grade (-40°C ~ +85°C)	DESLM-04GD06SWADB	DESLM-08GD06SWAQB	DESLM-16GD06SWAQB	DGSLM-32GD06SWAQB	DESLM-64GD06SWAQB	DESLM-A28D06SWAQB

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