

Datasheet

SATADOM-SL 3ME2 series

- Best boot drive solution for server and embedded system
- SATA 6Gb/s interface
- High IOPS to reduce boot up timing
- Built-in Pin 7/ Pin 8 power supply
- DRAM-less, 100% data integrity
- Innovative Firmware Algorithm
- Anti-vibration mechanical design
- Built in iData Guard



Introduction

Innodisk Serial ATA Disk on Module (SATADOM) supports SATA III standard (6.0Gb/s) interface with excellent performance, and SATADOM-SL 3ME V2 is designed as the smallest form factor size that could enhance compatibility with various design applications.

Particularly the 7th pin of SATA 7 pin connector and 8th pin on SATA connector can optionally be the built-in power VCC pin. In other words, it could be connected directly to the SATA on-board socket on customers' system without additional power cable. Besides, the booting time for operation and the power consumption is less than hard disk drive (HDD).

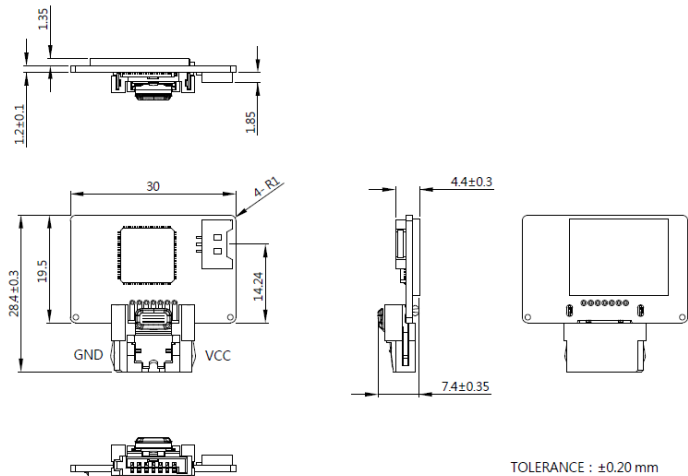
SATADOM-SL

3ME2 series

Contact us for more information
about the SATADOM-SL 3ME2.

Innodisk is a service-driven provider of industrial embedded flash storage products and technologies, with a focus on the cloud computing, industrial/embedded, and aerospace and defense industries.

Diagram



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Specifications

Interface	SATA III
Flash Type	MLC
Capacity	16GB~128GB
Max. Channels	2
Sequential R/W (MB/sec, max.)	340 / 160
Max. Power Consumption	0.8W (5V x 166mA)
Thermal Sensor	√
External DRAM buffer	-
H/W Write Protect	-
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	30 X 28.4 X 7.4 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.	16GB	32GB	64GB	128GB
Standard Grade (0°C ~ +70°C)	DESSL-16GD72SCASNA	DESSL-32GD72SCADNA	DESSL-64GD72SCADNA	DESSL-A28D72BCADCA
	DESSL-16GD72SCASNB	DESSL-32GD72SCADNB	DESSL-64GD72SCADNB	DESSL-A28D72BCADCB
Industrial Grade (-40°C ~ +85°C)	DESSL-16GD72SWASNA	DESSL-32GD72SWADNA	DESSL-64GD72SWADNA	DESSL-A28D72BWADCA
	DESSL-16GD72SWASNB	DESSL-32GD72SWADNB	DESSL-64GD72SWADNB	DESSL-A28D72BWADCB

*PN end with A: Pin8+ power cable
B: Pin8+ Pin 7



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