

Datasheet

SATADOM-MH

3SE series

- SATA 6Gb/s interface
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Zero mechanical interference
- Anti-vibration mechanical design
- Built-in Pin7 VCC



Introduction

Innodisk Serial ATA Disk on Module (SATADOM) supports SATA III standard (6.0Gb/s) interface with excellent performance, and SATADOM-MH 3SE is designed as the smallest form factor size that could enhance compatibility with various design applications. Particularly the 7th pin of standard SATA 7pin connector can optionally be the built-in power VCC pin.

Innodisk SATADOM-MH 3SE effectively reduces the booting time of operation system and the power consumption is less than hard disk drive (HDD), and complies with ATA protocol, no additional drives are required, and can be configured as a boot device or data storage device.

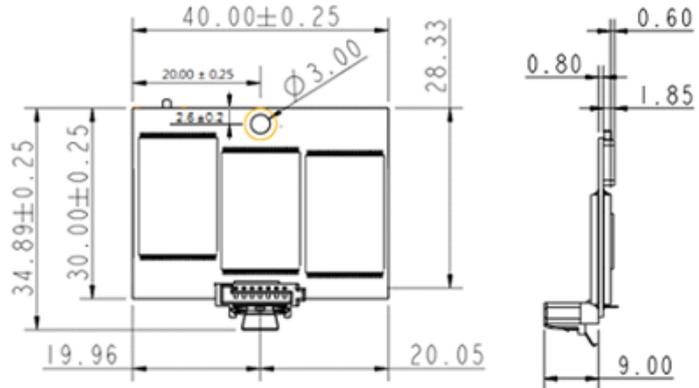
SATADOM-MH

3SE series

Contact us for more information about the SATADOM-MH 3SE.

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



Specifications

Interface	SATA III
Flash Type	SLC
Capacity	8GB~32GB
Max. Channels	2
Sequential R/W (MB/sec, max.)	260/130
Max. Power Consumption	1.8W
Thermal Sensor	WT only
External DRAM buffer	-
H/W Write Protect	-
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	40.0 X 30 X 9.0 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-(0)40-282-1818
Japan
jpsales@innodisk.com
+81-45-594-7581
China
sales_cn@innodisk.com
+86-755-21673689
www.innodisk.com

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Ordering Information

Operation Temp.	8GB	16GB	32GB
Standard Grade (0°C ~ +70°C)	DESMH-08GD07SCADB(F)	DESMH-16GD07SCADB(F)	DESMH-32GD07SCADB(F)
Industrial Grade (-40°C ~ +85°C)	DESMH-08GD07SWADB(F)	DESMH-16GD07SWADB(F)	DESMH-32GD07SWADB(F)

PN end with F is SATADOM Pin 7 with power supply version, which doesn't provide power cable.