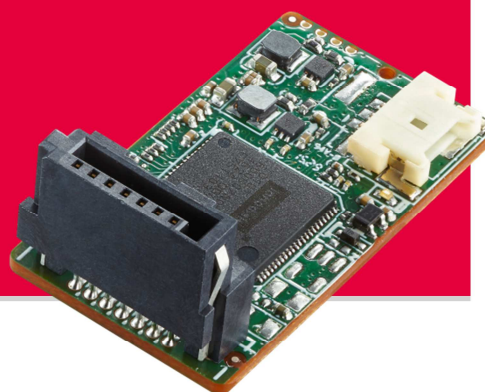# SATADOM-SH type C 3SE3 series

- Best boot drive solution for server and embedded system

- SATA 6Gb/s interface

- High IOPS to reduce boot up timing

- Built-in Pin 8 power supply

- Intelligent error recovery system

- Zero mechanical interference

- Anti-vibration mechanical design

- iSMART disk health monitoring

Introduction

Innodisk Serial ATA Disk on Module (SATADOM) supports SATA III standard (6.0Gb/s) interface with excellent performance, and SATADOM-SH TYPE C 3SE3 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-SH type C 3SE3 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.
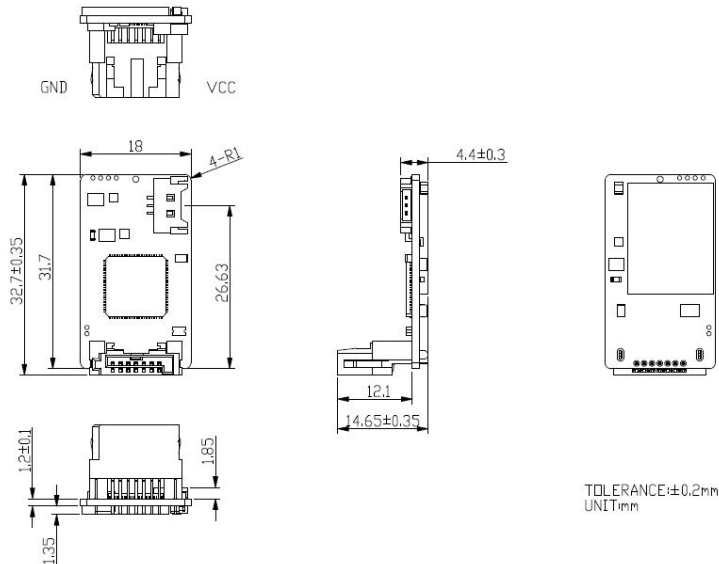
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SATADOM-SH type C
3SE3 series

Diagram

Specifications

Interface	SATA III
Flash Type	SLC
Capacity	4GB~32GB
Max. Channels	2
Sequential R/W (MB/sec, max.)	220/110
Max. Power Consumption	0.62W (5V x 124mA)
Thermal Sensor	ST- Optional/ WT- Default
Extended DRAM buffer	-
H/W Write Protect	-
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	32.7 x 18 x 14.65 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

Contact us for more information about the SATADOM-SH type C 3SE3.

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

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Ordering Information

	4GB	8GB	16GB	32GB
Standard Grade (0°C ~ +70°C)	DESSC-04GD09SCADB*	DESSC-08GD09SCADB*	DESSC-16GD09SCADB*	DESSC-32GD09SCADB*
Industrial Grade (-40°C ~ +85°C)	DESSC-04GD09SWADB*	DESSC-08GD09SWADB*	DESSC-16GD09SWADB*	DESSC-32GD09SWADB*

*=A-> Pin 8+ power cable
*=B-> Pin 8+ Pin 7

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