

Datasheet

SATADOM-SV 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-SV 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).

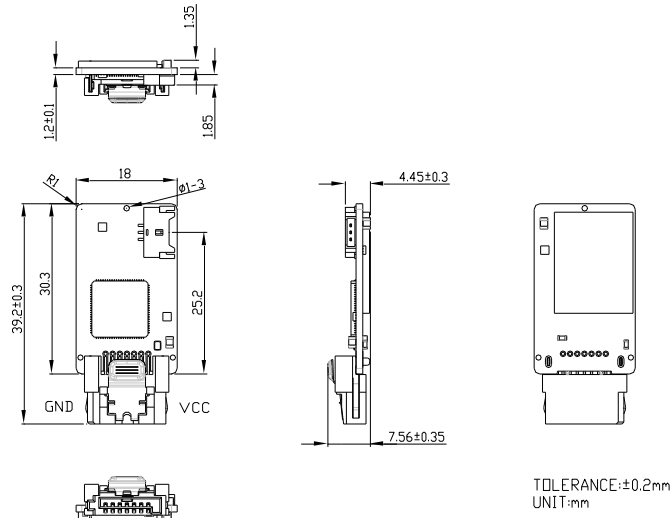
SATADOM-SV

3ME2 series

Contact us for more information about the SATADOM-SV 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



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) | 18 x 39.2 x 7.56 |
| 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
+81-3-6667-0161
China
sales_cn@innodisk.com
+86-755-21673689
www.innodisk.com

© 2015 Innodisk Corporation.
All right reserved. Specifications
are subject to change without
prior notice.

201501221

Ordering Information

| Operation Temp. | 16GB | 32GB | 64GB | 128GB |
|-------------------------------------|--------------------|--------------------|--------------------|--------------------|
| Standard Grade (0°C ~ +70°C) | DESSV-16GD72SCASNA | DESSV-32GD72SCADNA | DESSV-64GD72SCADNA | DESSV-A28D72BCADCA |
| | DESSV-16GD72SCASNB | DESSV-32GD72SCADNB | DESSV-64GD72SCADNB | DESSV-A28D72BCADCB |
| Industrial Grade (-40°C ~ +85°C) | DESSV-16GD72SWASNA | DESSV-32GD72SWADNA | DESSV-64GD72SWADNA | DESSV-A28D72BWADCA |
| | DESSV-16GD72SWASNB | DESSV-32GD72SWADNB | DESSV-64GD72SWADNB | DESSV-A28D72BWADCB |

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

innodisk

www.innodisk.com