

Datasheet

# SATADOM-SV

## 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



## Introduction

Innodisk SATADOM-SV 3SE is designed as the standard SATA 7 pin connector with SATA interface, and supports SATA III standard (6.0Gb/s) with excellent performance., InnoDisk SATADOM-SV 3SE absolutely replaces the traditional hard disk and makes personal computer, in any field, smaller and easier.

Innodisk SATADOM-SV 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.

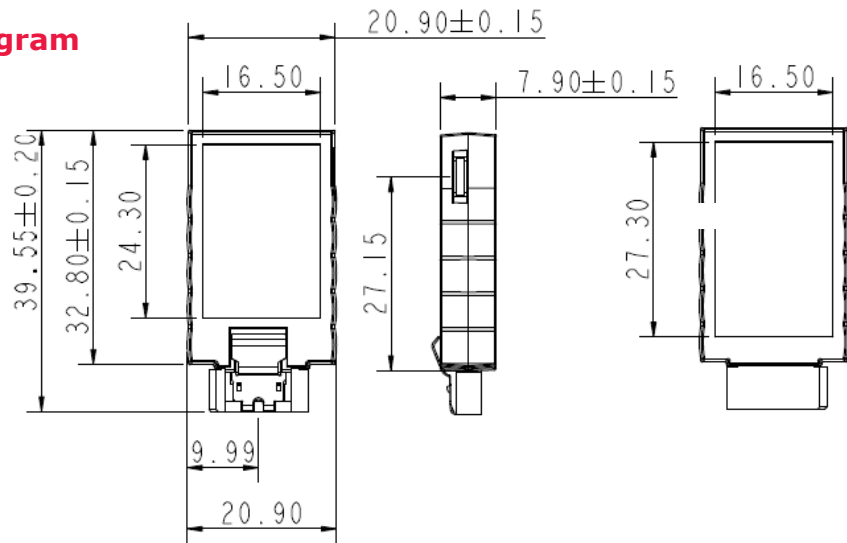
# SATADOM-SV

## 3SE series

Contact us for more information  
about the SATADOM-SV 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                      | 1GB~32GB                                                                                                        |
| Max. Channels                 | 2                                                                                                               |
| Sequential R/W (MB/sec, max.) | 300 / 130                                                                                                       |
| Max. Power Consumption        | 0.6 W (5V x 130 mA )                                                                                            |
| Thermal Sensor                | WT only                                                                                                         |
| External DRAM buffer          | -                                                                                                               |
| H/W Write Protect             | -                                                                                                               |
| ATA Security                  | ✓                                                                                                               |
| S.M.A.R.T.                    | ✓                                                                                                               |
| Dimension (WxLxH)             | 20.9 X 39.5 X 7.9 mm                                                                                            |
| Environment                   | Vibration: 20G @7~2000Hz<br>Shock: 1500G @ 0.5ms<br>Storage Temperature: -55°C ~ +95°C<br>MTBF: 3 million hours |

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## Ordering Information

20150114

| Operation Temp.                     | 1GB                  | 2GB                  | 4GB                  | 8GB                  | 16GB                 | 32GB                 |
|-------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Standard Grade<br>(0°C ~ +70°C)     | DESSV-01GD07AC1SB(F) | DESSV-02GD07AC1SB(F) | DESSV-04GD07SCADB(F) | DESSV-08GD07SCADB(F) | DESSV-16GD07SCADB(F) | DESSV-32GD07SCADB(F) |
| Industrial Grade<br>(-40°C ~ +85°C) | DESSV-01GD07AW1SB(F) | DESSV-02GD07AW1SB(F) | DESSV-04GD07SWADB(F) | DESSV-08GD07SWADB(F) | DESSV-16GD07SWADB(F) | DESSV-32GD07SWADB(F) |

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