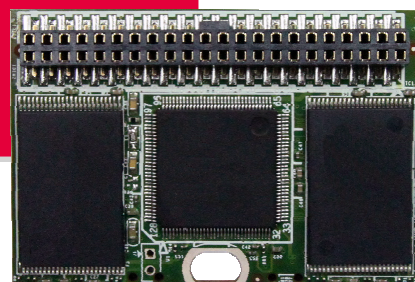


Datasheet

# EDC 1SE2 series

- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Write protection security
- Enhanced power cycling management



## Introduction

The Innodisk Embedded DISK CARD 1SE2 (EDC 1SE2) products provide high capacity solid-state flash memory that electrically complies with the Personal Computer Memory Card International Association ATA standard. Innodisk Embedded DISK CARD 1SE2 (EDC 1SE2) is embedded solid-state data storage systems for industrial work place. Embedded DISK CARD 1SE2 (EDC 1SE2) features an extremely light weight, reliable, low-profile form factor.

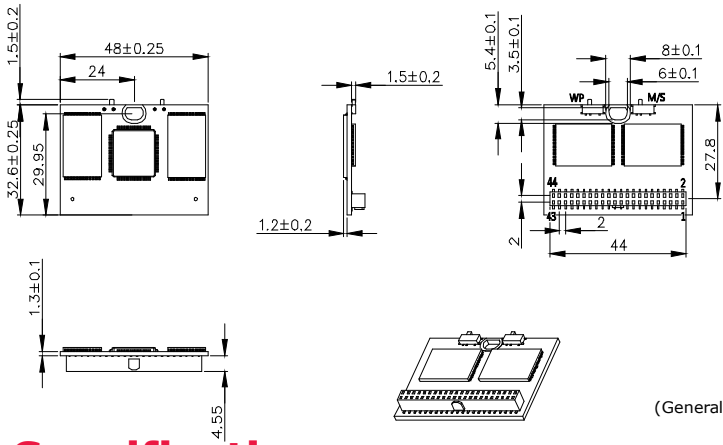
Embedded DISK CARD 1SE2 (EDC 1SE2) supports advanced PIO (0-6), Multi Word DMA (0-4), Ultra DMA (0-6) transfer modes, multi-sector transfers, and LBA addressing

Contact us for more information  
about the EDC 1SE2

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

# EDC 1SE2 series

## Drawing



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## Specifications

|                               |                                                                                                                 |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Interface                     | PATA                                                                                                            |
| Flash Type                    | SLC                                                                                                             |
| Capacity                      | 8GB~64GB                                                                                                        |
| Max. Channels                 | 2                                                                                                               |
| Sequential R/W (MB/sec, max.) | 110/75                                                                                                          |
| Max. Power Consumption        | 0.76W(3.3V x 230mA)                                                                                             |
| Thermal Sensor                | ST- optional/ WT-default                                                                                        |
| External DRAM Buffer          | -                                                                                                               |
| H/W Write Protect             | Optional                                                                                                        |
| ATA Security                  | √                                                                                                               |
| S.M.A.R.T.                    | √                                                                                                               |
| Dimension (WxLxH)             | 48X 32.6 X 7.3 mm                                                                                               |
| Environment                   | Vibration: 20G @7~2000Hz<br>Shock: 1500G @ 0.5ms<br>Storage Temperature: -55°C ~ +95°C<br>MTBF: 3 million hours |

## Ordering Information

| Operation Temp.                     | 8GB               | 16GB              | 32GB              | 64GB              |
|-------------------------------------|-------------------|-------------------|-------------------|-------------------|
| Standard Grade<br>(0°C ~ +70°C)     | DEE4X-08GD53AC1DB | DEE4X-16GD53AC1DB | DEE4X-32GD53AC1DB | DEE4X-64GD53AC1DB |
| Industrial Grade<br>(-40°C ~ +85°C) | DEE4X-08GD53AW1DB | DEE4X-16GD53AW1DB | DEE4X-32GD53AW1DB | DEE4X-64GD53AW1DB |

X= A~F; connector type

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