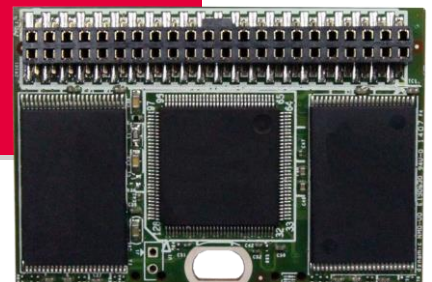


Datasheet

EDC 1ME 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 1ME (EDC 1ME) 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 1ME (EDC 1ME) is embedded solid-state data storage systems for industrial work place. Embedded DISK CARD 1ME (EDC 1ME) features an extremely light weight, reliable, low-profile form factor.

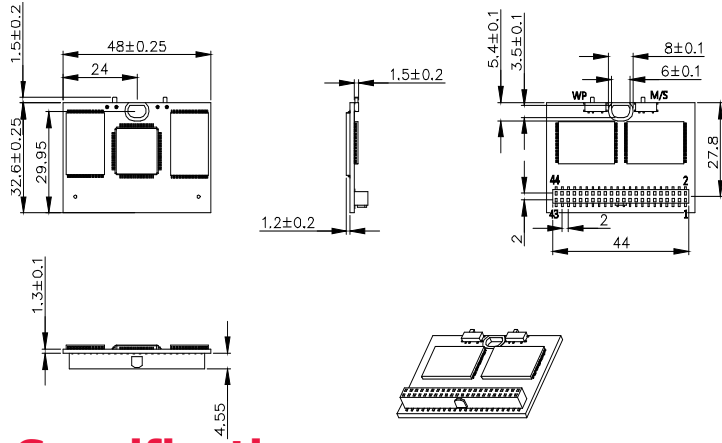
Embedded DISK CARD 1ME (EDC 1ME) supports advanced PIO (0-6), Multi Word DMA (0-4), Ultra DMA (0-6) transfer modes, multi-sector transfers, and LBA addressing

Contact us for more information
about the EDC 1ME

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 1ME series

Drawing



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Specifications

| | |
|-------------------------------|---|
| Interface | PATA |
| Flash Type | MLC |
| Capacity | 8GB~256GB |
| Max. Channels | 2 |
| Sequential R/W (MB/sec, max.) | 110/75 |
| Max. Power Consumption | 0.76W(3.3V x 230mA) |
| Thermal Sensor | - |
| External DRAM Buffer | - |
| H/W Write Protect | √ |
| ATA Security | √ |
| S.M.A.R.T. | √ |
| Dimension (WxLxH) | 48X 32.6 X 7.3 mm |
| Environment | Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -40°C ~ +85°C MTBF: 3 million hours |

Ordering Information

| Operation Temp. | 8GB | 16GB | 32GB | 64GB | 128GB | 256GB |
|-------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Standard Grade (0°C ~ +70°C) | DEE4X-08GD53RC1SC | DEE4X-16GD53RC1DC | DEE4X-32GD53RC1DC | DEE4X-64GD53RC1DC | DEE4X-A28D53RC1DC | DEE4X-B56D53BC1DC |
| | DEE4X-08GD53BC1SC | DEE4X-16GD53BC1SC | DEE4X-32GD53BC1DC | DEE4X-64GD53BC1DC | DEE4X-A28D53BC1DC | |
| Industrial Grade (-40°C ~ +85°C) | DEE4X-08GD53RW1SC | DEE4X-16GD53RW1DC | DEE4X-32GD53RW1DC | DEE4X-64GD53RW1DC | DEE4X-A28D53RC1DC | DEE4X-B56D53BW1DC |
| | DEE4X-08GD53BW1SC | DEE4X-16GD53BW1SC | DEE4X-32GD53BW1DC | DEE4X-64GD53BW1DC | DEE4X-A28D53BW1DC | |

R: Toshiba A19nm MLC / B: Toshiba 15nm MLC
X = A~F; connector type

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