

Datasheet

# iCF 1SE series

- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Mechanical design for anti-vibration



## Introduction

The Innodisk Industrial CompactFlash® 1SE Memory Card (iCF 1SE) products provide high capacity solid-state flash memory that electrically complies with the True IDE Mode that is electrically compatible with an IDE disk drive. The original CF form factor card can be used in any system that has a CF slot.

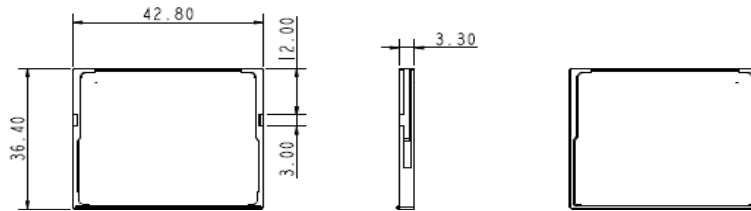
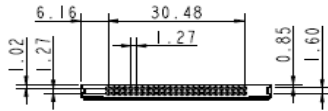
Designed to replace traditional rotating disk drives, Innodisk Industrial CompactFlash® 1SE Memory Cards are embedded solid-state data storage systems for mobile computing and the industrial work place. The Industrial CompactFlash® features an extremely lightweight, reliable, low-profile form factor. Industrial CompactFlash® 1SE (iCF 1SE) support advanced PIO (0-6), Multiword DMA (0-2), Ultra DMA (0-4) transfer mode, multi-sector transfers, and LBA addressing.

# iCF 1SE series

## Drawing

Contact us for more information  
about the iCF 1SE

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.



## Specifications

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Interface	PATA
Flash Type	SLC
Capacity	512MB~8GB
Max. Channels	2
Sequential R/W (MB/sec, max.)	40/30
Max. Power Consumption	0.75W(5V x 125mA)
Thermal Sensor	-
External DRAM Buffer	-
H/W Write Protect	Optional
ATA Security	√
S.M.A.R.T.	√
Dimension (WxLxH)	42.8X 36.4 X 3.3 mm
Environment	Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours

## Ordering Information

Operation Temp.	512MB	1GB	2GB	4GB	8GB
Standard Grade (0°C ~ +70°C)	DC1M- 512D41AC1SB	DC1M- 01GD41AC1DB	DC1M- 02GD41AC1DB	DC1M- 04GD41AC1DB	DC1M- 08GD41AC1DB
Industrial Grade (-40°C ~ +85°C)	DC1M- 512D41AW1SB	DC1M- 01GD41AW1DB	DC1M- 02GD41AW1DB	DC1M- 04GD41AW1DB	DC1M- 08GD41AW1DB