

Datasheet

iCF

1ME series

- iSMART disk health monitoring
- Compliant with E-Mark/SAE J113/ISO 7673-2
- Intelligent error recovery system
- Excellent data transfer speed
- Write protection security
- Enhanced power cycling management



Introduction

The Innodisk Industrial CompactFlash® 1ME Memory Card (iCF 1ME) 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® 1ME 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® 1ME (iCF 1ME) support advanced PIO (0-6), Multiword DMA (0-4), Ultra DMA (0-7) transfer mode, multi-sector transfers, and LBA addressing.

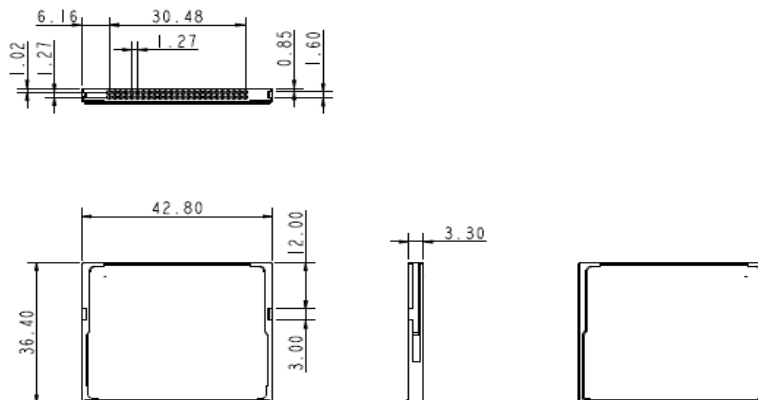
iCF

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Drawing

Contact us for more information about the iCF 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.



Specifications

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Ordering Information

Interface	PATA
Flash Type	MLC
Capacity	8GB~256GB
Max. Channels	2
Sequential R/W (MB/sec, max.)	110/110
Max. Power Consumption	0.8W(5.0V x 160mA)
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

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