

Datasheet

iCF 1ME series

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



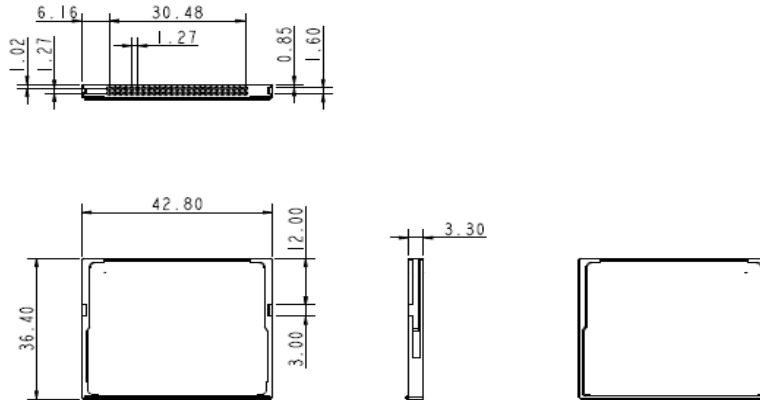
Introduction

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 1ME series

Drawing



Specifications

Interface	PATA
Flash Type	MLC
P/E Cycle limit	3,000
Capacity	4GB~128GB
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	√
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

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.

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Ordering Information

Operation Temp.	4GB	8GB	16GB	32GB	64GB	128GB
Standard Grade (0°C ~ +70°C)	DECFC-04GD53SC1SC	DECFC-08GD53XC1DC	DECFC-16GD53XC1QC	DECFC-32GD53XC1QC	DECFC-64GD53XC1QC	DECFC-A28D53SC1QC
Industrial Grade (-40°C ~ +85°C)	DECFC-04GD53SW1SC	DECFC-08GD53XW1DC	DECFC-16GD53XW1QC	DECFC-32GD53XW1QC	DECFC-64GD53XW1QC	DECFC-A28D53SW1QC

X: S or T (flash type)

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