Datasheet

iCF
9000 MLC 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® 9000 Memory Card (iCF9000 MLC) 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.

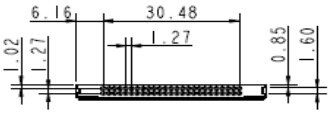
Designed to replace traditional rotating disk drives, InnoDisk Industrial CompactFlash® 9000 Memory Cards are embedded solid-state data storage systems for mobile computing and the industrial work place. The Industrial CompactFlash® features an extremely lightweight, reliable, low-profile form factor. Industrial CompactFlash® 9000 (iCF9000 MLC) support advanced PIO (0-6), Multiword DMA (0-4), Ultra DMA (0-7) transfer mode, multi-sector transfers, and LBA addressing.

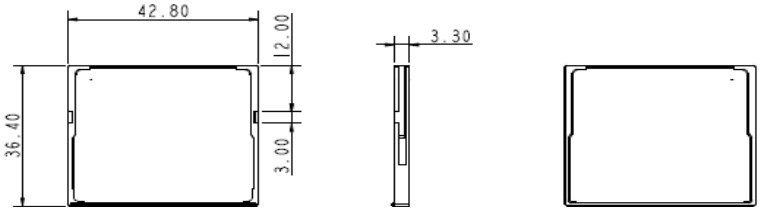
iCF
9000 MLC series

Contact us for more information about the iCF 9000 MLC

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.

Drawing





Specifications

Interface	PATA
Flash Type	MLC
P/E Cycle limit	3,000
Capacity	4GB~128GB
Max. Channels	4
Sequential R/W (MB/sec, max.)	110/75
Max. Power Consumption	0.76W(3.3V x 230mA)
Thermal Sensor	–
H/W Write Protect	√
Pin7 Power	–
ATA Security	Supported
S.M.A.R.T.	Supported
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.	4GB	8GB	16GB	32GB	64GB	128GB
Standard Grade (0°C ~ +70°C)	DC1M-04GD71AC1SC	DC1M-08GD71AC1DC	DC1M-16GD71AC1QC	DC1M-32GD71AC1QC	DC1M-64GD71AC1QC	DC1M-A28D71AC1QC
Industrial Grade (-40°C ~ +85°C)	DC1M-04GD71AW1SC	DC1M-08GD71AW1DC	DC1M-16GD71AW1QC	DC1M-32GD71AW1QC	DC1M-64GD71AW1QC	DC1M-A28D71AW1QC

Headquarters (Taiwan)
9F., No.100, Sec. 1, Xintai 5th Rd.,
Xizhi Dist., New Taipei City,
Taiwan (R.O.C.)
Tel: +886-2-26963000
Email: sales@innodisk.com

Branch Offices:
USA
usasales@innodisk.com
+1-510-770-9421
Europe
eusales@innodisk.com
+31-040-282-2382
Japan
jpsales@innodisk.com
+81-3-6661-9846
China
sales_cn@innodisk.com
+86-755-21673689
www.innodisk.com

© 2012 Innodisk Corporation.
All right reserved. Specifications are subject to change without prior notice.

20130110