

FIC Series

Flash in Card



CF Card
Extended Temp.



CF Card
Standard Temp.

Features

- CompactFlash™ specification standard
- Capacity: 32MB to 2GB
- Highly heat resistance design: Industrial plastic material housing
- Master/slave switch selectable
- Suitable for high demanding applications
- Well performed under harsh operating environment and extended temperatures
- Mounting hole provides rugged vibration concern
- Anti-vibration & shock resistance
- Data integrity with Error Detection Code/Error Correction Code (EDC/ECC)
- True IDE Mode (fixed Mode)
- High operating reliability & durability
- Low power consumption



Specifications

General Specification	
Capacity	32MB~2GB
Interface	50pin CompactFlash™ Type I
IDE Transfer Mode	PIO Mode 0-4
Drive Config. Switch	Yes (Master/Slave)
Sustained Speed Rate	Read: 7.3Mbytes/sec Write: 5.5Mbytes/sec
Environmental Specification	
Operating Temperature	-10°C~70°C (14°F ~158°F) (standard temp.) -40°C~85°C (-40°F ~185°F) (extended temp.)
Storage Temperature	-55°C~125°C (-67°F ~ 257°F)
Humidity	10%~95% non-condensing
Vibration	30G maximum
Shock	1,500G maximum
System Reliability	
ECC technology	High reliability based on the internal ECC function
Power-cycling	3,000 times
MTBF	>3,000,000 hours
Endurance	Minimum 10,000 insertions
Wear-leveling	Support
Power Requirement	
DC Input Voltage	+5V single power supply operation
Auto Stand-by Mode	0.18mA~0.3mA
Sleep Mode	1.0~3.7mA
Physical Specification	
Enclosure Material	PC Mechanical Cover
Dimensions	42.8 x 3.3 x 36.4mm (W x D x H)

Introduction

AXIOMTEK's FIC (Flash in Card) series complies with CompactFlash™ specification and provides complete PCMCIA-ATA functionality and compatibility. This CF card is available in memory capacities ranging from 32MB up to 2GB in standard & extended temperature to meet the demand of critical application. The operating temperature supports standard temperature grade (-10°C ~ +70°C) and extended temperature grade (-40°C ~ +85°C). The FIC series is an ideal solution for industrial storage application requiring reliability, high performance, and low power consumption.

Ordering Information

Models (standard temp.)	Models (extended temp.)	Capacity
FIC032-20	x	32MB
FIC064-20	x	64MB
FIC128-20	FIC128-26	128MB
FIC256-20	FIC256-26	256MB
FIC512-20	FIC512-26	512MB
FIC01G-20	FIC01G-26	1GB
FIC02G-20	FIC02G-26	2GB

* All the specifications and photos are subjected to be changed without notice.



www.axiomtek.com

Headquarters
AXIOMTEK Co., Ltd.
Tel: +886-2-2917-4550
Fax: +886-2-2917-3200
E-mail: info@axiomtek.com.tw

USA
AXIOMTEK Inc.
Tel: +1-626-581-3232
Fax: +1-626-581-3552
E-mail: info@axiomtek.com

Germany
AXIOMTEK DEUTSCHLAND GmbH
Tel: +49-2173-399360
Fax: +49-2173-3993636
E-mail: sales@axiomtek.de

France
AXIOMTEK S.A.S.
Tel: +33 (0) 146-491-591
Fax: +33 (0) 146-491-590
E-mail: info@axiomtek.fr

Mainland China
AXIOMTEK Shanghai
Tel: +86-21-5426-0435
Fax: +86-21-5426-0125
E-mail: axcn@axiomtek.com.cn