

FIC-60 Series

Flash in Card



CF Card

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 128MB up to 32GB in standard & industrial temperature to meet the demand of critical application. The operating temperature supports standard temperature grade (0°C ~ +70°C) and industrial 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.

Specifications

General Specification	
Capacity	128MB~32GB
Interface	50pin CompactFlash™ Type I
IDE Transfer Mode	PIO Mode 0-6/MwDMA Mode 0-4/UDMA 0-4
Drive Config. Switch	Yes (Master/Slave)
Sustained Speed Rate (max)	128MB~512MB Read:20MB/sec.; Write:10MB/sec. 1GB~32GB Read:40MB/sec. ; Write:20MB/sec
Environmental Specification	
Operating Temperature	0°C~70°C (0°F ~158°F) (standard temp.) -40°C~85°C (-40 °F ~185°F) (industrial temp.)
Storage Temperature	-55°C~95°C (-67°F ~ 203°F)
Humidity	10%~95% non-condensing
Vibration	20G(7~2000Hz)
Shock	1500G/0.5ms
System Reliability	
ECC technology	High reliability based on the internal ECC function
MTBF	>3,000,000 hours
R/W Endurance	2,000,000 times
Wear-leveling	Support
Power Requirement	
DC Input Voltage	+3.3V/+5V single power supply operation
Power Mode	Auto stand-by and sleep mode
Power Consumption	150mA(max.)
Physical Specification	
Enclosure Material	PC card plastic frame with metal cover
Dimensions	42.8 x 36.4 x 3.3 mm (W x H x L)

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

Features

- CompactFlash™ specification standard
- Capacity: 128MB up to 32GB
- Highly heat resistance design: Industrial plastic material housing
- Suitable for high demanding applications
- Well performed under harsh operating environment and industrial temperatures
- 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

Ordering Information

Models (standard temp.)	Models (industrial temp.)	Capacity
FIC128-60	FIC128-66	128MB
FIC256-60	FIC256-66	256MB
FIC512-60	FIC512-66	512MB
FIC01G-60	FIC01G-66	1GB
FIC02G-60	FIC02G-66	2GB
FIC04G-60	FIC04G-66	4GB
FIC08G-60	FIC08G-66	8GB
FIC16G-60	FIC16G-66	16GB
FIC32G-60	FIC32G-66	32GB



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