

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 4GB in standard & industrial temperature to meet the demand of critical application. The operating temperature supports standard temperature grade (-10°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 ~ 4GB |
| 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 | 128MB ~ 512MB Read:20MB/sec.; Write:10MB/sec. 1GB ~ 4GB Read:40MB/sec. ; Write:20MB/sec |
| Environmental Specification | |
| Operating Temperature | -10°C ~ 70°C (14°F ~ 158°F) (standard temp.) -40°C ~ 85°C (-40°F ~ 185°F) (industrial temp.) |
| Storage Temperature | -55°C ~ 125°C (-67°F ~ 257°F) |
| Humidity | 10% ~ 95% non-condensing |
| Vibration | 5G(7 ~ 2000Hz) |
| Shock | 50G/10ms |
| 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 to 4GB
- 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 |



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