

FID Series

Flash in Disk-IDE



2.5" IDE Flash Disk /SLC

Introduction

AXIOMTEK's FID (Flash in Disk-ATA) series is a high performance 2.5" flash disk and fully compatible with IDE standard which make it an ideal replacement for conventional IDE HDD without any driver or system modification. This 2.5" IDE flash disk is provided with huge capacities up to 128GB to meet diverse needs of data storage. With the features of high capacity storage, data integrity, anti-vibration and low power consumption, the FID series is surely a solid solution for expanding an industrial computer's memory.

Specifications

General Specification	
Capacity	8GB ~ 128GB
Interface	44pin (2.0mm) IDE/ATA
Flash type	SLC
Form Factor	2.5"
Data Transfer Rate	Read: 85MB/sec (max.) Write: 80MB/sec (max.)
Environmental Specification	
Operating Temperature	0°C~70°C (32°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	
Sleep Mode	75mA±5%
Physical Specification	
Enclosure Material	Aluminum Mechanical Cover
Dimensions	69.8 x 100.1 x 9.5mm (W x H x L)

Features

- IDE/ATA standard interface
- Capacity: 8GB to 128GB
- 2.5" standard form factor
- Suitable for high demanding applications
- Well performed under harsh operating environment
- Anti-vibration & shock resistance
- Data integrity with Error Detection Code/Error Correction Code (EDC/ECC)
- Perfect replacement of hard drive
- High operating reliability & durability
- Low power consumption

Ordering Information

Models (standard temp.)	Models (industrial temp.)	IDE interface	Capacity
FID08G-80	FID08G-84	44 PIN	8GB
FID16G-80	FID16G-84	44 PIN	16GB
FID32G-80	FID32G-84	44 PIN	32GB
FID64G-80	FID64G-84	44 PIN	64GB
FIDA28-80	FIDA28-84	44 PIN	128GB

* 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