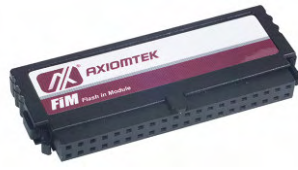


FIM Series

Flash in Module



IDE 40pin Flash Module
Extended Temp.



IDE 40pin Flash Module
Standard Temp.



IDE 44pin Flash Module
Extended Temp.



IDE 44pin Flash Module
Standard Temp.

Features

- IDE/ATA standard interface
- Capacity: 32MB to 2GB
- Low profile design (minimum height)
- Master/slave switch selectable
- Suitable for high demanding applications
- Well performed under harsh operating environment and extended temperatures
- Anti-vibration & shock resistance
- Data integrity with Error Detection Code/Error Correction Code (EDC/ECC)
- Perfect replacement of hard drive, compatible with IDE/ATA 40-pin and 44-pin
- High operating reliability & durability
- Low power consumption
- Fully compatible with devices and OS



Specifications

General Specification	
Capacity	32MB~2GB
Interface	40pin/44pin IDE/ATA
IDE Transfer Mode	PIO Mode 0-4
Drive Config. Switch	Yes (Master/Slave)
Sustained Speed Rate	Read: 8.0Mbytes/sec Write: 7.0Mbytes/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 and UL-94
Dimensions	40-pin: 58 x 6.6 x 23.5mm (W x D x H) 44-pin: 50.4 x 5.92 x 21.1mm (W x D x H)

Introduction

AXIOMTEK's FIM (Flash in Module) series is designed into ATA protocol type with compatible IDE standard interface based on flash memory technology. This flash module is offered with various capacities ranging from 32MB up to 2GB and can operate under extended temperature range goes from -40°C~85°C. in the harsh operating environments. The features of reliability, high performance, cost-effective and easy-to-integrate designs make FIM series a perfect solution over traditional storage devices.



Ordering Information

Models (standard temp.)	Models (extended temp.)	IDE interface	Capacity
FIM032V40-20	x	40pin	32MB
FIM064V40-20	x	40pin	64MB
FIM128V40-20	FIM128V40-26	40pin	128MB
FIM256V40-20	FIM256V40-26	40pin	256MB
FIM512V40-20	FIM512V40-26	40pin	512MB
FIM01GV40-20	FIM01GV40-26	40pin	1GB
FIM02GV40-20	FIM02GV40-26	40pin	2GB
FIM032V44-20	x	44pin	32MB
FIM064V44-20	x	44pin	64MB
FIM128V44-20	FIM128V44-26	44pin	128MB
FIM256V44-20	FIM256V44-26	44pin	256MB
FIM512V44-20	FIM512V44-26	44pin	512MB
FIM01GV44-20	FIM01GV44-26	44pin	1GB
FIM02GV44-20	FIM02GV44-26	44pin	2GB

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



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