

FIU Series

Flash in USB



10pin USB Flash Module-Vertical type



10pin USB Flash Module-Horizontal type

■ Features

- USB standard interface
- Capacity: 256MB to 8GB
- 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)
- High operating reliability & durability
- Low power consumption

■ Ordering Information

| Models | Capacity |
|------------|----------|
| FIU256V-40 | 256MB |
| FIU512V-40 | 512MB |
| FIU01GV-40 | 1GB |
| FIU02GV-40 | 2GB |
| FIU04GV-40 | 4GB |
| FIU256H-40 | 256MB |
| FIU512H-40 | 512MB |
| FIU01GH-40 | 1GB |
| FIU02GH-40 | 2GB |
| FIU04GH-40 | 4GB |
| FIU08GH-40 | 8GB |

■ Introduction

Axiomtek's FIU (Flash in USB) series is fully compliant with USB interface and provides an easy and fast method of data storage. With flexible storage capacities ranging from 256MB up to 8GB, this USB flash module can be used as additional storage memory for rough industrial environment.

■ Specifications

| General Specification | | |
|-----------------------------|---|---|
| Capacity | Vertical Type | Horizontal Type |
| Interface | USB2.0 (10-pin USB pin pitch 2.54) | |
| Sustained Speed Rate | Read: 19MB/sec | 256MB~512MB |
| | Write: 17MB/sec | Read:19MB/sec ; Write:17MB/sec 1GB~8GB Read: 32MB/sec ; Write: 23MB/sec |
| Environmental Specification | | |
| Operating Temperature | 0°C~70°C (32°F~158°F) | |
| Storage Temperature | -55°C~95°C (-67°F~257°F) | |
| Humidity | 10% ~ 95% non-condensing | |
| System Reliability | | |
| ECC technology | High reliability based on the internal ECC function | |
| Wear-leveling | Support | |
| Power Requirement | | |
| DC Input Voltage | +5V single power supply operation | |
| Power Mode | Auto Stand-by and sleep mode | |
| Power Consumption | 120mA | |
| Physical Specification | | |
| Enclosure Material | PC Mechanical Cover and UL-94 | |
| Dimensions | 15.2 x 34.1 x 6.4mm | 26.65 x 37.8 x 8.7mm |
| | (W x H x L) | (W x H x L) |

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



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