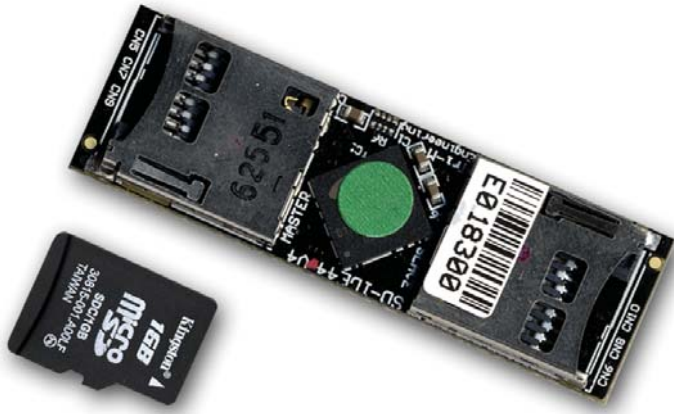


SD-IDE40

microSD/TransFlash to ATA BUS Adapter



specifications

IDE Interface

- Directly pluggable to an IDE 40 pin header
- Hardware bridging between IDE and microSD/TransFlash™
- OS installable to microSD/TransFlash™
- Bootable from microSD/TransFlash™
- Support PIO 0-4 and Ultra DMA 3 mode

SD Interface

- Support up to two microSD/TransFlash™ (Master/Slave)
- Compliant with SD Host Controller Standard Specification Ver. 1.1
- Support microSD/TransFlash™ 1bit and 4bit modes

Power Input

- +5VDC using hard drive power to SD-IDE adapter
- Low power consumption

Mechanical/Environmental

- Dimension: 2.14" x .595" x .430" (54.4mm x 15.1mm x 10.9mm)
- Operating temperature -40° to 185°F (-40° to 85°C)
- Storage temperature: -67° to 185°F (-55° to 150°C)
- Weight: 0.017 LB. (7.8G)

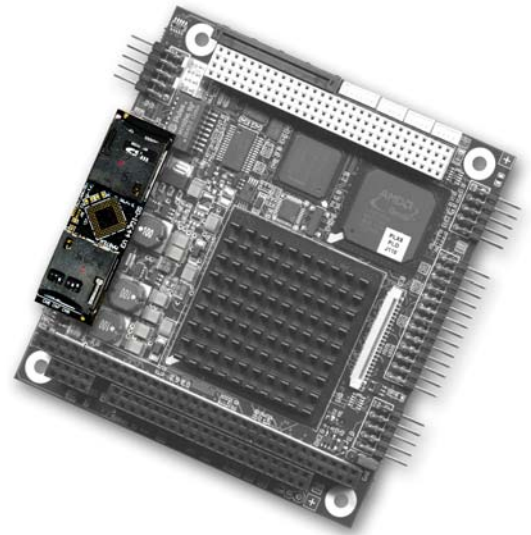
features

- Supports up to two microSD
- Push/push connector with card detect
- Bicolour status LED
- Embedded ATA to SD protocol translation hardware
- Compatibility: acts as an IDE hard drive

information

The **SD-IDE40** is a compact board designed to interface up to two microSD/TransFlash™ to a 40 pin IDE header. It has two microSD/TransFlash™ connectors with card detection allowing the use of different combinations (Master, Slave, Master+Slave) without the need to set jumpers.

The **SD-IDE40** acts as a true hardware bridge, allowing the microSD/TransFlash™ to be seen as a hard drive by the host computer without a software driver. It also allows the host computer to use a microSD/TransFlash™ as a bootable device. It has very low power consumption and supports PIO1 to PIO4 and UDMA 3 for fast data transfer.



Ordering Information



this product is
manufactured by:

TRI-M
ENGINEERING

Part Number

SD-IDE40

Accessories

MSD-256

MSD-512

MSD-1024

MSD-2048

SD-IDE40-CABLE

Description

microSD/TransFlash to ATA BUS Adapter

256 MB microSD card

512 MB microSD card

1 GB microSD card

2 GB microSD card

SD-IDE40 power adapter