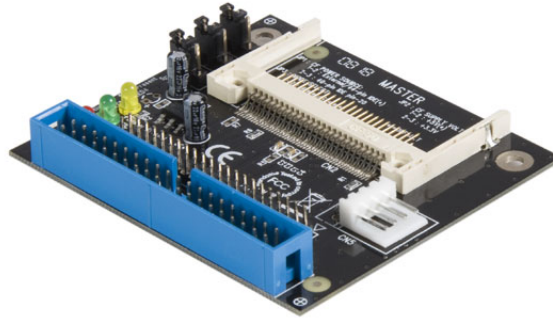


40/44 Pin IDE to Compact Flash SSD Adapter

StarTech ID: IDE2CF



This IDE to Compact Flash SSD Adapter Card allows you to convert a single Compact Flash (CF type I/II) Card or MicroDrive into a bootable IDE Solid State Drive - a simple and convenient way to replace a IDE hard disk drive.

The adapter card makes it easy to build your own do-it-yourself SSD (requires CF card or Micro Drive), allowing you to take advantage of the benefits that Solid State storage has to offer. With no moving parts, an SSD is the ideal solution in work environments desiring the key properties of SSD's - low power consumption, no noise, shock resistance, fast access time and low operating temperatures providing cooler and quieter storage than a conventional hard disk drive. Plus, Solid State drives are less susceptible to atmospheric hazards (e.g. dust particles, atmospheric changes etc.), ensuring seamless performance regardless of environmental factors.

The adapter is equipped with both a 40 pin (3.5in Desktop HDD) IDE channel or a 44 pin (2.5in Notebook HDD) IDE channel. This unique multi interface board allows the adapter to be used in both regular and small form factor case designs, create a perfect solution for embedded systems.

Applications and Solutions

- Diskless network clients
- Ideal for embedded technology enthusiasts or environments, and small form factor systems this adapter provides a SSD option that greatly reduces the space required compared to conventional hard drives solutions.
- Industrial PCs
- Linux-based set-top boxes, routers
- Upgrade existing IDE system to support Solid State Drives
- Use a Compact Flash or Micro-Drive as a bootable IDE drive
- Turn an ordinary external drive enclosure into a rugged solid state drive (SSD) enclosure

Features

- Compatible with Compact Flash Type I, Type II, and Micro Drives
- Configurable jumper settings for master or slave, power source, and CF card power requirements (3.3V or 5.0V)
- LED to indicate power, activity, and card detection
- Supports 40 and 44 pin IDE interfaces for compatibility with micro system
- Supports Ultra DMA mode Compact Flash

Technical Specifications

- Warranty: 1 Year warranty
- Color: Black
- Product Height: 0.51 in [13 mm]
- Humidity: 75% RH
- Product Length: 2.76 in [70 mm]
- Operating Temperature: 0°C to +50°C (32°F to +122°F)
- Carton Quantity: 50
- Storage Temperature: -10°C to +70°C (14°F to +158°F)
- Shipping (Package) Weight: 16.24 oz [460 g]
- Product Weight: 0.71 oz [20 g]
- Product Width: 2.48 in [63 mm]
- LED Indicators: 1 - Red - Power
- LED Indicators: 1 - Green - Activity
- LED Indicators: 1 - Yellow - Card Present
- Number of Drives: 1
- Compatible Drives : Compact Flash I/II
- Compatible Drives : Micro Drive
- Host Connectors: 1 - 40 pin IDC Male
- Host Connectors: 1 - 44 pin IDC Male
- Drive Connectors: 1 - 50 pin Compact Flash/Micro Drive Male
- OS Compatibility: OS independent; No software or drivers required

