

## 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

- Use a small CompactFlash card in place of an IDE hard drive for small embedded solutions
- Use a solid state CompactFlash card in place of a mechanical hard drive for better durability
- Reduce system noise and heat by running a CompactFlash card instead of a tradition hard drive

### Features

- Supports Ultra DMA mode
- Compatible with CompactFlash Type I, Type II, and Micro Drives
- Power, activity, and card detection LED indicators
- Supports 40 and 44 pin IDE interfaces
- Configurable IDE jumper settings for master or slave mode

**Technical Specifications**

Warranty	2 Years
Connector Type(s)	1 - CompactFlash (50 pin) Slot
Connector Type(s)	1 - IDE (40 Pin; EIDE/PATA) Male
Connector Type(s)	1 - IDE (44 Pin; EIDE/PATA; 2.5" HDD) Male
Memory Media Type	Compact Flash I
Memory Media Type	Compact Flash II
Memory Media Type	IBM Micro Drive
OS Compatibility	OS independent; No software or drivers required
Color	Black
Product Length	2.8 in [70 mm]
Product Width	2.5 in [63 mm]
Product Height	0.5 in [13 mm]
Product Weight	0.7 oz [20 g]
LED Indicators	1 - Green - Activity
LED Indicators	1 - Red - Power
LED Indicators	1 - Yellow - Card Present
Operating Temperature	05/10/2012eg;C to +505/10/2012eg;C (325/10/2012eg;F to +1225/10/2012eg;F)
Storage Temperature	-105/10/2012eg;C to +705/10/2012eg;C (145/10/2012eg;F to +1585/10/2012eg;F)
Humidity	75% RH
Shipping (Package) Weight	16.2 oz [460 g]
Included in Package	1 - IDE to CompactFlash Adapter
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

