

2 Port PCI Ultra ATA/100 RAID IDE Controller Adapter Card

StarTech ID: *PCIIDE100R*



This 2 Port PCI Ultra ATA/100 RAID IDE Controller Adapter Card provides affordable data protection and increased drive performance, with support for RAID levels 0 (striping), 1 (mirroring), and 0+1 (mirrored, striped set) on up to four IDE hard drives.

The IDE controller card adds two IDE channels, with support for two IDE drives per channel.

Designed for Ultra ATA/100 hard drives, the RAID controller card is compatible with older drives as well as other ATAPI devices such as CD/DVD-ROM drives, CD-R/CD-RW drives, LS-120 drives, tape drives, Zip drives and more.

A cost-effective and convenient RAID solution, the adapter card lets you get the most out of your IDE storage for applications such as mirroring file servers for drive redundancy, or simply improving the drive speed on workstations by striping the drives.

The RAID controller adapter card is backed by StarTech.com's lifetime warranty and free lifetime technical support.

Applications

- Backup and Security (mirroring one hard drive to another one)
- Increase Performance (stripe two or more drives together)
- Improve both speed and security (mirror a stripe set to another hard drive)

Features

- Supports other ATAPI devices like CD-ROM, DVD-ROM, CD-R, CD-RW, LS-120, Tape, and Zip Drives
- Can replace the on-board IDE ports on a PC or work in addition to them
- On-board BIOS provides a menu driven interface for configuring the RAID volumes
- Supports up to 4 Ultra ATA/100 drives
- RAID 0 (striping) feature speeds up data transfer by spreading the data workload over 2 or more drives
- RAID 1 (mirroring) feature writes the same data to 2 drives so if 1 drive fails, the other is still running with a copy of the data
- RAID 0+1 (mirroring a striped set) feature creates a mirror copy of data on striped drives
- Supports Windows 95/98/ME/NT 4/2000 and XP

Technical Specifications

Warranty	Lifetime
Bus Type	PCI (5 Volt)
Connector Type(s)	2 - IDE (40 Pin; EIDE/PATA) Male
Maximum Data Transfer Rate	800000000 MBytes/Sec
General Specifications	ATAPI, ATA/33, Ultra ATA/66, UDMA/66, Ultra ATA/100, UDMA/100
General Specifications	SiI 0680ACLU144
General Specifications	Up to 137 GBytes
General Specifications	Windows 98SE/ME/NT 4/2000/XP/Server 2003/Vista
Product Length	4.7 in [12 cm]
Product Height	3.1 in [8 cm]
Shipping (Package) Weight	0.4 lb [0.2 kg]
Included in Package	1 - PCI Ultra ATA/100 RAID Card (0,1)
Included in Package	1 - 80 Wire/40 pin IDE Cables
Included in Package	1 - CD Driver
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

