

INTRODUCTION

The Dual Channel IDE JBOD/RAID PCI Controller provides a simple and economical solution to add two IDE channels, as well as RAID and individual drive capability to any desktop system. Designed to install into the standard PCI slot of either a standard height or low profile PC, this controller can be used to connect a total of 4 IDE or ATAPI devices, or a combination of each in master/slave configurations.

The onboard firmware enables easy set up of 4 hard drives as RAID 1 for real time backup, as RAID 0 for high performance, or a combination of both as RAID 10. The support of the fastest Ultra ATA-133 also ensures the highest data throughput when connected to any IDE hard drive.



FEATURES

- Add two IDE channels via single 32-bit PCI BUS slot
- Connect up to 4 IDE or ATAPI devices, or a combination of each
- Supports ATA33/66/100/133
- Onboard firmware support for RAID 0, RAID 1, RAID 10, individual drive configuration
- Fits standard height or low profile systems with included brackets
- Bootable
- Complete with drivers for Windows 98/ME, NT 4.0, 2000, XP, Vista, Linux kernel 2.4+

SPECIFICATIONS

- I/O Ports: (2) 40-pin IDE connector
- Interface: 32 bit, 33MHz fully compliant PCI host interface
- 48-bits LBA to Support HDD larger than 137GB
- Two independent Ultra ATA-133 channels
- Installs into both standard height or low profile systems
- On board firmware support for RAID 0, RAID 1, RAID 10, individual drives
- Supports full speed burst transfers on the ATA bus
- Supports software-controlled ATA bus tri-state
- Features one 256-byte FIFO (32-bit x 64 deep) per IDE channel for host reads and writes
- Features ATA to PCI interrupt masking
- Features command buffering from the PCI to ATA
- Compliant with PCI Specification, revision 2.2
- Integrated PCI DMA engines
- Support ATAPI
- Bootable
- Temperature: Operating 0 to 70 degree C.
- Storage: -25 to 90 degree C.
- Humidity: Operating 20% to 80%
- Non Operating 15% to 90%
- Pin header on board for Drive Activity LED connection
- Complete with drivers for Windows 98/ME, NT 4.0, 2000, XP, Vista, Linux kernel 2.4+
- Dimension (W x D x H) - 120 mm x 12 mm x 65 mm.
- Weight: 2 oz.