

## Alchemy ATA 133 RAID PCI

ATA 133 Raid Interface PCI card for PowerMacs



With its ATA 133 and Raid level 0 support, the Alchemy PCI card from Miglia guarantees an incredible increase in data transfer rates.

Providing a bandwidth of 133 Megabytes/second on each of its two channels, the Alchemy ATA card allows you to connect up to four hard drives in your PowerMac.

The Alchemy ATA 133 Raid PCI has built-in hardware support for disk striping, also called Raid level 0. Read and write from two hard drives simultaneously to increase I/O performance by a huge rate!

You can use the card in standard mode, with two independent drives or activate the raid mode to create a single volume with two drives.

The Alchemy ATA 133 supports drives larger than 137 GB (128 GB), which gives it yet another edge over standard ATA 66 or ATA 100 cards.



### PowerMac Compatibility

- PowerMac G3 Blue&White
- PowerMac G4

### Mac OS Compatibility

- Mac OS 9.1+
- Mac OS X

### Key Features

Hardware-based Raid level 0 ATA card  
Simply insert the card into a free PCI slot, attach two hard drives to it and get an incredible performance boost. You can also use drives independently, without setting up a raid

Two separate 133 MB/sec channels  
You can connect two hard drives to each of the channels for a total of four drives

Does not require any additional drivers  
The card is recognised as a SCSI card by your system. Drives will be "seen" by the Mac as SCSI drives although they are equipped with an ATA interface. Every Mac has support for SCSI drives built into its ROM

Bootable on every compatible system  
You can install Mac OS 9.x or Mac OS X on a hard drive attached to the Alchemy card!

Supports drives larger than 128 GB



### IDE, the affordable high speed alternative to SCSI

The Alchemy ATA 133 RAID PCI card allows you to use ATA drives in a Raid setup, a solution that was recently only worthwhile with a SCSI interface. Hardware based ATA RAID solutions are the low cost/high performance alternative to expensive SCSI setups

[www.miglia.com](http://www.miglia.com)

Miglia Technology, Unit 1 The Old Silk Mill, Brook Street, Tring, HP23 5EF, United Kingdom  
Tel: +44 (0)870 7472988 Fax: +44 (0)870 7472989, <http://www.miglia.com>, [info@miglia.com](mailto:info@miglia.com)

# Alchemy ATA 133 RAID PCI

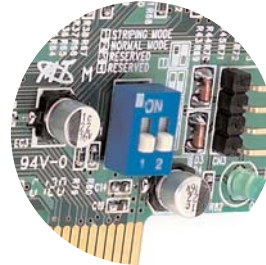
ATA 133 Raid Interface PCI card for PowerMacs



Get maximum performance with a Raid level 0 setup!



1. Connect a drive to each of the two channels of the Alchemy ATA card. Your drives should preferably be of the same type and size.



2. Activate the hardware raid support by setting the switch on the Alchemy card. Your two drives will be "seen" as a single drive by your system. Enjoy the performance!

## Technical Data

- PCI rev. 2.1 Card
- Two independent ATA 133 channels
- Hardware based Raid level 0 support
- Supports IDE, E-IDE, ATA 3, ATA 4, ATA 5 hard drives
- Deep Sleep Mode support (Mac OS 9 only)
- Unit weight: 0.5 KG
- CE and FCC approved
- 2 years warranty

## What is Raid Level 0?

In a RAID Level 0 setup, the data is broken down into blocks and each block is written to a separate disk drive. Write and read performance is greatly improved as the data load is spread across two hard drives and controllers, instead of one. The Alchemy ATA 133 RAID has full support for Raid Level 0 and can also be used in a Raid level 0 setup in conjunction with software like Mac OS X's disk utility or Softraid.

## What's in the box?

- Alchemy ATA 133 RAID PCI
- Two ATA 66/100/133 cables
- Illustrated installation guide in English, French, German, Italian and Spanish

## Associated Products

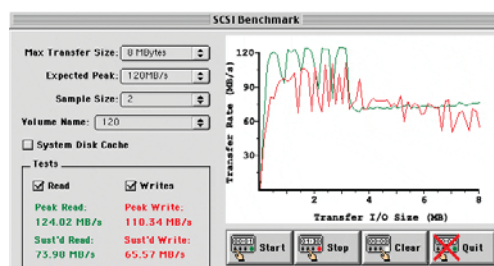
### Alchemy ATA 133 PCI

The standard version of the alchemy card is the ideal solution for fast and affordable data storage. Like the Raid version, it allows you to connect 2 ATA hard drives to each of the two channels, but without hardware RAID support.

## Benchmarks

Alchemy ATA 133 RAID PCI Test conditions:

- PowerMac G4/466
- 256 MB RAM
- Virtual Memory Deactivated
- 2\* IBM 60GXP 60 GB Drives, 7200 rpm
- Mac OS 9.1



Results from an independant source: [www.macbidouille.com](http://www.macbidouille.com)