

Chapter 4

ALi® IDE DRIVER

1. Overview

The on-chip IDE controller supports two separate IDE controllers for up to 4 IDE devices providing an interface for IDE hard disks and CD-ROMS. The Ultra DMA specification (which supports the 33M bytes per second transfer rate) has been implemented in this IDE controller. The ATA bus pins & the smart deep Buffer (16 x 32-bit Read Ahead and Posted Write) are all dedicated for separate channel to improve the reliability and the performance of IDE Master. Dedicated Pins and Buffers are also the best implementation for today's concurrent OS and application to reduce overhead and achieve the best performance. The IDE controller also supports Tri-state IDE signals for Swap Bay support.

2. ALi IDE Driver Setup & Usage Procedures

2.1 Windows® 95/98



2.1-1 ALi IDE Driver Installation Procedure:

- Step 1:** Click on "ALi IDE Driver" icon.
- Step 2:** This will show an ALi IDE Driver installation menu.
- Step 3:** Click on "Next".
- Step 4:** Click on "Next" to install ALi PCI Bus Master IDE Driver.
- Step 5:** This will copy the ALi IDE driver into the hard drive.
- Step 6:** A message will appear stating you must restart the Windows® 95/98 system, select **OK** to restart.
- Step 7:** After restarting, Windows® 95/98 will show a new display setting.