Chapter 4: Software

About the Software

The support software for this mainboard may be supplied on a CD-ROM, or it may be supplied on a diskette or diskettes. All the support programs are stored in separate folders, so you can find the program you need easily enough. The support software contains the following programs:

- ❑ Power Management Patch (for WIN 95/98 only)
- ❑ Award Flash Memory Utility
- ❑ Bus Master IDE Drivers (for WIN 95/98 and WIN NT)
- ❑ IRQ Routing Driver (for WIN 95/98 only)
- ❑ VxD Driver for AGP (for WIN 95/98 only)

Most of the support software folders have README files. Always read these files before beginning an installation. They may contain important information not listed in this manual.

Installing the IDE Bus Master Driver

The IDE Bus Master Drivers are stored in a folder named IDE.

Windows 95/98 Installation
1. Click the Windows Start button, and then click on Run.
2. Browse to the folder IDE and select the program called SETUP.EXE.
3. Click on the Install button on the setup screen.
4. Follow the instructions on the screen to complete the installation of the Bus Mastering IDE drivers.

Installing the VxD Driver
The VxD driver provides support for an AGP graphics adapter. You only need to install this driver if you are running Windows 95, and you have installed the mainboard with an AGP graphics adapter.

The VIA VxD driver is for use in Windows 95 version OSR 2.1 (4.00.950 B) or later.

Windows 95 Installation
You need the following files installed on your system before beginning the installation:

1. Get the file "USBSUPP.EXE" from Microsoft, which includes the USB supplement and a new memory manager (VMM32.VxD) needed for the AGP DIME (Direct Memory Execute) feature.
2. Get DirectX 5.0 from Microsoft. DirectX 5.0 is the first DirectX version that supports AGP's DIME.
3. Get AGP Master (i.e., AGP VGA) Driver from the vendor of your AGP graphics adapter.
4. Get "VIAGART.VXD", a virtual device manager which usually will be installed in the following installation procedure of the Windows 95 card driver.

Installation Instructions
1. Click the Windows Start button, and then click on Run.
2. Browse to the correct folder and select the program called SETUP.EXE.
3. Follow the instructions on the screen to complete the installation.

Installing the Power Management Patch

This patch allows Win 95/98 to recognize the VIA chipset in the system device manager.

Windows 95/98 Installation
1. Click the Windows Start button, and then click on Run.
2. Browse to the correct folder and select the program called SETUP.EXE.
3. Follow the instructions on the screen to complete the installation.

Installing the IRQ Routing Driver

This driver is for Windows 95/98. This driver solves some issues regarding the IRQ assignment of PCI devices.

Windows 95/98 Installation
1. Click the Windows Start button, and then click on Run.
2. Browse to the correct folder and select the program called SETUP.EXE.
3. Follow the instructions on the screen to complete the installation.

Award Flash Memory Utility

This utility lets you erase the system BIOS that is stored on the system motherboard on a Flash Memory chip, and lets you write a new or updated BIOS onto the chip. Take care how you use this program. If you erase the current BIOS and fail to write a new BIOS, or write a new BIOS that is unsuitable, your system will malfunction.

The flash memory utility is called AWDFLASH.EXE. To use this utility, you must be in real-mode DOS (not the DOS box that is available in Windows 95/98/NT). If you are using WINDOWS 95/98, shut down your computer and select the option Restart in DOS in the shut-down dialog box. If you are running Windows NT, shut down your

computer and boot from a DOS diskette temporarily in order to run the flash memory utility.