To perform any of the installation methods below you will need **1 System Boot Disk** (Win 98 CD ROM Boot Disk or Emergency Boot Disk) with **Drivers and BIOS** that should be prepared on a Win95/Win98 Machine.

**Preparing a System Boot Disk with Driver and BIOS files**

- From the **Windows Desktop** double click on *"My Computer"*, right click on the *"3 1/2 Floppy A:"*, Select *"Format"* from the menu.

  - Select *"full"* from the top portion of the *"Format 3 1/2 Floppy A:"* dialog box and then select *"copy system files"* from the bottom portion of the *"Format 3 1/2 Floppy A:"* dialog box.

  - Click on the *"Start"* button. When the formatting process is complete click on the *"Close"* button.

  - Using **WinZip** or **PkZip** extract all the Drivers and BIOS files to the System Boot Disk in the A: Drive.

**Windows 2000 Version 2195 (All Platforms) Driver and BIOS Upgrade Instructions**

*The driver MUST be updated first, before flashing the BIOS. Follow the instructions below EXACTLY as they are stated.*

**STEP ONE**

- From the **Windows 2000 Desktop** right click on *"My Computer"* and then Select *"Properties"*.

- Click on the *"Hardware"* Tab and then click on *"Device Manager"*.

- Double click on *"SCSI and RAID Controllers"* and click on the *"Driver"* tab.

- Click on the *"Update Driver"* tab and then click *"Next"*. 
- Select "Display a list of the known drivers for this device" and then click "Next".

- Click on "Have Disk" and then insert the System Boot Disk with the FastTrak/FastTrak66 drivers.

- Click on "OK" and then select "Promise Technology Inc, FastTrak (tm) IDE Controller" or "Promise Technology Inc, FastTrak66 (tm) IDE Controller" and then click on "Next".

- Click on "Next" at the "Start Device Driver Installation" dialog box.

- Click "YES" at the "Digital Signature" dialog box.

- Click "Finish" and then click on "Close" on the "Promise Technology Inc, FastTrak66" properties box.

- Click on "YES" to restart the computer when prompted. Leave the System Boot Disk with the FastTrak/FastTrak66 Drivers and BIOS in the A: drive.

**STEP TWO**

- Once you have restarted the computer with the System Boot Disk and have reached the A: \ Prompt, type "ptiflash" (with no quotations) and then press the "Enter" key.

- Select option 1 on the menu by pressing the "1" key on your keyboard.

- Type "a: \ bios.old" (without quotations) and then press the "Enter" key.

- The "Backup Success" message will appear, press the "Enter" key.

- Select option 2 on the menu by pressing the "2" key on your keyboard.

- Type, "a: \ bios.bin" and then press the "Enter" key. **During the flashing process DO NOT TURN OFF THE COMPUTERS POWER AT ALL. DOING SO WILL RESULT IN A CARD THAT IS UNUSABLE.**

- Once the "Update Success" message appears, press the "Enter" key, eject the System Boot Disk, and then press Ctrl-Atl-Del to restart the computer.

**NT 4.0 (All Versions) Driver and BIOS Upgrade Instructions**

**STEP ONE**

- From the Windows NT 4.0 desktop, double click on "My Computer", double click on "Control Panel", and then double click on "SCSI Adapters".

- Click on the "Drivers" tab, then select "Promise Technology Inc, FastTrak (tm) IDE Controller" or "Promise Technology Inc, FastTrak66 (tm) IDE Controller", and then click on "Remove".

- Insert the System Boot Disk with the FastTrak/FastTrak66 Drivers and BIOS. Click the "Add" button and then click "Have Disk".
- Click on "OK", then select "Promise Technology Inc, FastTrak (tm) IDE Controller" or "Promise Technology Inc, FastTrak66 (tm) IDE Controller" and then click "OK".

- Click on "YES" to restart the computer when prompted. Leave the System Boot Disk in the A: Drive.

**STEP TWO**

- Once you have restarted the computer with the System Boot Disk and have reached the A: \ Prompt, type "ptiflash" (with no quotations) and then press the "Enter" key.

- Select option 1 on the menu by pressing the "1" key on your keyboard.

- Type "a: \ bios.old" (without quotations) and then press the "Enter" key.

- The "Backup Success" message will appear, press the "Enter" key.

- Select option 2 on the menu by pressing the "2" key on your keyboard.

- Type, "a: \ bios.bin" and then press the "Enter" key. **During the flashing process DO NOT TURN OFF THE COMPUTERS POWER AT ALL. DOING SO WILL RESULT IN A CARD THAT IS UNUSABLE.**

- Once the "Update Success" message appears, press the "Enter" key, eject the System Boot Disk, and then press Ctrl-Atl-Del to restart the computer.

**Windows 98 Driver and BIOS Upgrade Instructions**

**STEP 1**

- From the Windows 98 Desktop right click on "My Computer" and then select "Properties". Click on the "Device Manager" tab and then double click on "SCSI Controllers".

- Double click on "Promise Technology Inc, FastTrak (tm) IDE Controller" or "Promise Technology Inc, FastTrak66 (tm) IDE Controller" and then click on the "Driver" tab.

- Click on "Update Driver" and then click on "Next".

- Select "Display a list of all drivers in a specific location" and then click on "Next".

- Insert the System Boot Disk with the FastTrak/FastTrak66 Drivers and BIOS, Click on "Have Disk" and then click "OK".

- Select "Promise Technology Inc, FastTrak (tm) IDE Controller" or "Promise Technology Inc, FastTrak66 (tm) IDE Controller" from the list and then click on "Next".

- Click on "Next" once more and then click on "Finish".
- Click on "YES" to restart the computer when prompted and leave the **System Boot Disk** in the **A: drive**.

**STEP TWO**

- Once you have restarted the computer with the System Boot Disk and have reached the **A: \ Prompt**, type "ptiflash" (with no quotations) and then press the "Enter" key.

- Select **option 1** on the menu by pressing the "1" key on your keyboard.

- Type "a: \ bios.old" (without quotations) and then press the "Enter" key.

- The "Backup Success" message will appear, press the "Enter" key.

- Select **option 2** on the menu by pressing the "2" key on your keyboard.

- Type, "a: \ bios.bin" and then press the "Enter" key. During the flashing process DO **NOT** TURN OFF THE COMPUTERS POWER AT ALL. DOING SO WILL **KILL** THE CARD.

- Once the "Update Success" message appears, press the "Enter" key, eject the **System Boot Disk**, and then press **Ctrl-Atl-Del** to restart the computer.

**Windows 95 B or C Driver and BIOS Upgrade Instructions**

**Use Windows 98 Instructions Above**