PROMISE® TECHNOLOGY, INC.

Ultra100 Device Driver and BIOS Update Installation Guide for Windows 2000, Windows NT 4.0, and Windows 95/98/98SE

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 **Ultra100 drivers**.

-Click on **"OK"** and then select **"Promise Technology Inc, Ultra100 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, Ultra100 IDE Controller"** properties box.

-Click on **"YES"** to restart the computer when prompted. Leave the **System Boot Disk** with the **Ultra100 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:\ulbios.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:\ulbios.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, Ultra100 IDE Controller"** , and then click on **"Remove"**.

-Insert the **System Boot Disk** with the **Ultra100 Drivers and BIOS**. Click the **"Add"** button and then click **"Have Disk"**.

-Click on **"OK"**, then select **"Promise Technology Inc, Ultra100 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:\ulbios.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:\ulbios.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, Ultra100 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 **Ultra100 Drivers and BIOS**, Click on **"Have Disk"** and then click **"OK"**.

-Select **"Promise Technology Inc, Ultra100 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:\ulbios.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:\ulbios.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