

FCC ID: ICUVGA-GW806

EUT:VGA CARD

GAINWARD CO., LTD.

User's Manual

FEDERAL COMMUNICATIONS COMMISSION

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions : (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection. This equipment generates, uses and can radiated radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Shielded interface cables must be used in order to comply with emission limits.

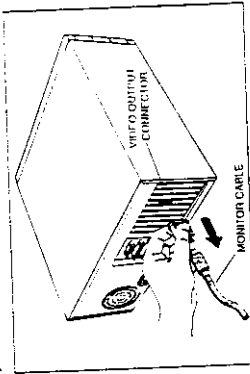
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Installing Your Graphics Accelerator Card

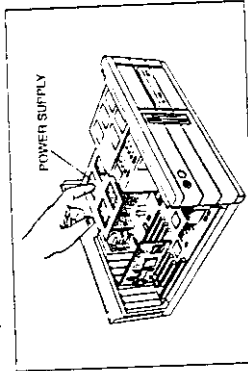
Now that you have prepared your computer, you are ready to install your graphics accelerator card.

To install your graphics accelerator card

- 1 Power off the computer and monitor, then disconnect the monitor cable from the back of your computer.

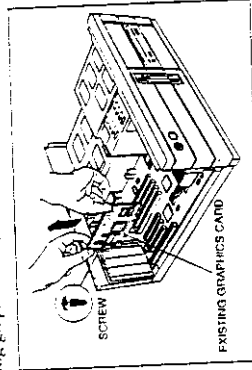


- 2 Remove the computer cover. If necessary, consult your computer system manual about removing the cover.



Remember to discharge your body's static electricity by touching the metal surface of the computer chassis.

- 3 If there is an existing graphics card, remove it from your computer.



If the old graphics card sticks, rock it gently from end to end.

Remember to save the screw.

or

If your computer has any on-board graphics capability, you may need to disable it on the motherboard. For more information, see your computer documentation.

Installing Enhanced Drivers for Windows 95

You need to install the enhanced driver for Windows 95 takes advantage of your card's higher performance, resolutions, and special features.

To ensure that you install the latest driver, install the enhanced driver located on the CD-ROM shipped with your graphics accelerator card.

To install the enhanced driver for Windows 95



When you restart your system following installation of your graphics card, Windows 95 will detect the new hardware and may attempt to install a driver from its system registry. When prompted to "Restart the computer now", select NO. Then follow the normal installation procedure below.

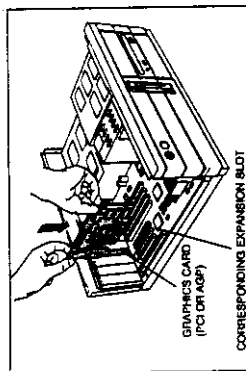
Selecting 'NO' for the initial restart prompt is a necessary step since Windows 95 may load an older display driver that is incompatible with your new graphics card. Always use the driver available on the diskette or CD-ROM that came with your computer, or an applicable driver update.

- 1 Insert the driver diskette into your diskette drive.
- 2 Click on the Start button in the Start menu.
- 3 Scroll up to Settings and click on Control Panel.
- 4 Double click on System.
- 5 Click on the Device Manager tab.
- 6 Click on the plus (+) sign to the left of Display adapters.
- 7 Double click on the name of your display card in the drop-down list.
- 8 Click on the Driver tab.
- 9 Click on the Change Driver... button.
- 10 Click on the Have Disk button.
- 11 Use the Browse button if needed to select the driver diskette and click OK.
- 12 Wait for a moment, then select the name of your card from the listing shown and click OK.
- 13 You will now be back in the window with the Driver tab. Click OK.
- 14 The "Copying Files" dialog box appears as your drivers are installed.
- 15 Click on the Restart button.

For correct resolution and refresh rate operation, you need to select a monitor. Please refer to the online help for more information.

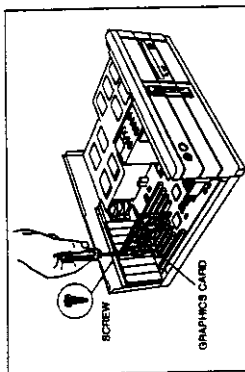
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- 4 Align your card with an empty expansion slot (PCI cards use a PCI slot; AGP cards use an AGP slot) and gently insert the card into place. You may need to remove the cover from the rear of the expansion slot that you selected.



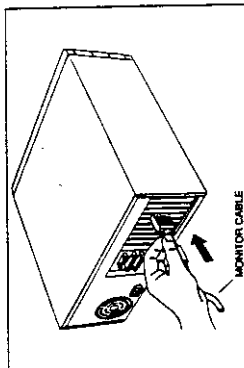
Grasp the card by the top edge and carefully seat it firmly into the corresponding expansion slot (PCI or AGP).

- 5 Replace the screw to fasten the card in place, and replace the computer cover.



- 6 Plug the monitor into your card, then turn on the computer and monitor.

Make sure your monitor cable is securely fastened.



You are now ready to install the enhanced drivers. For Windows 95, see page 4. For Windows NT, see page 5.

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Installing Enhanced Drivers for Windows NT

After installing your graphics card, Windows NT will default to standard VGA mode (640 x 480, 16 colors). The procedure below describes how you install the enhanced driver for Windows NT 4.0.

To install the enhanced driver for Windows NT 4.0

- 1 Boot Windows NT.
- 2 Double-click the My Computer icon.
- 3 Double-click the Control Panel icon.
- 4 Double-click the Display icon.
- 5 Click on the Settings tab.
- 6 Click the Display Type button.
- 7 Click Change.
- 8 Click the Have Disk button.
- 9 Select your diskette drive (usually A:) and click OK.
- 10 The "Change Display" window appears. Click OK.
- 11 When it asks "Do you wish to proceed?" click Yes.
- 12 After the files have been copied to your computer, click OK.
- 13 Close open windows. When the "System Settings Change" dialog box appears, click Yes to reboot Windows NT.
- 14 After reboot, the Invalid Display Settings window appears. Click OK.
- 15 The Display Properties dialog box appears. Select a desired display mode. For more detailed information about changing your display mode, click Help.

For correct resolution and refresh rate operation, you need to select a monitor. Please refer to the online help for more information.

Troubleshooting Tips

The following troubleshooting tips may help you if you experience problems. Contact your dealer for more advanced troubleshooting information.

- Check that the card is seated properly in its expansion slot. If the problem still exists, try a different PCI or AGP expansion slot.
- Ensure the monitor cable is securely fastened to the card.
- Make sure that the monitor and computer are plugged in and receiving power.
- Disable any built-in graphics capabilities on your mainboard. For more information, see your computer documentation.
- Make sure that you selected the appropriate monitor when you installed your enhanced driver.
- For Windows 95, right-click the icon in the taskbar and select "Troubleshooting". If you have problems during start-up, load Windows 95 in Safe Mode by pressing the F8 key when "Starting Windows 95" appears on the screen.