# M64-32

# Graphics Card

## Easy Start

# Read Me First

### Version 1.0

# Part 15 FCC Compliance Statement

This device complies with Part 15 of 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.

**Operating Environment**

For Home or Office Use

**Notice**

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate 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.

**Caution**

To comply with the limits for the Class B digital device according to Part 15 of FCC Rules, this device must be installed in computer equipment certified to comply with the Class B limits. All cables used to connect the computers and peripherals must be shielded and grounded. Operation with non-certified/shielded cables may result in radio/TV interference.

**Modification**

Any modification not expressly approved by the manufacturer of this device could void the user's authority to operate the device.

**Party Responsible for Product Compliance:**

Aztech Labs, Inc.
45645 Northport Loop East
Fremont, CA 94538, U.S.A.

# About this Easy Start

This booklet provides a quick setup for your **M64-32** Graphics Card*.* It touches on the key installation procedures and allows you to setup your modem within minutes!

# Installation Notes

- The graphics and screens illustrations shown in this easy start may differ from what you see in your system, but the steps still apply.

- A Philips Screwdriver is required for the card installation.

- The documentation for your computer should come in handy during the card installation.  Have it ready by your side.

- It is recommended that any existing Graphics Card be removed before installing your new Graphics Card.

# Safety Precaution

- Do not remove your card from its protective bag until you are ready to install it.

- Always try to hold your card by its edges.  Avoid touching any electronic components on your card.

- Static electricity can cause permanent damage to your card.  To prevent such a damage, you must ground yourself during the installation:

  » Use a grounding strap, which is a coiled wire with a clip at one end and an elastic strap at the other.  Wear the strap around your wrist and attach the clip to any non-painted metal surface of your computer chassis.  **OR**

  » If you do not have a grounding strap, touch any non-painted surface of your computer chassis before you begin installation, and again every minute or so until the installation is completed.

# Package

Please see that you have the following items in your package.  For any items that is missing, please contact your dealer immediately.

- M64-32 Graphics Card
- This Easy Start Guide
- Installation CD

# Software Requirements

For your card to perform to its fullest capabilities, ensure that your system is installed with the following:

- **Windows® 95 OSR2.1** (or later versions)
  OR
  **Windows® 98**
  OR
  **Windows NT® 4.0** upgraded with Service Pack 3 (or later versions)

- **DirectX™6.0** (or later versions)

# Installation Procedures

† **Step 1**    Upgrade your **Windows® 95 OSR2.0 to Windows® 95 OSR2.1**
  (Ensure that presently you have OSR2.0 installed.  By installing the USB upgrade, Windows®95 OSR2.0 will be upgraded to OSR2.1.)

  OR

  Upgrade your **Windows NT® 4.0** with Service Pack 3 or later

**Step 2**    Install and connect the Graphics Card to your PC.

**Step 3**    Install the Graphics Card driver.

† **Step 4**    Install the DirectX™ driver that comes with your Installation CD.
  (for Windows® 95/98 only)

*† For systems that do not meet the software requirements*

# Installing the Graphics Card

*Power off your computer and any connected devices before connecting your modem card!*

*Static electricity* *can cause permanent damage to your card. You have to ground yourself during the installation by touching any non-painted surface of the computer's chassis every minute or so.*
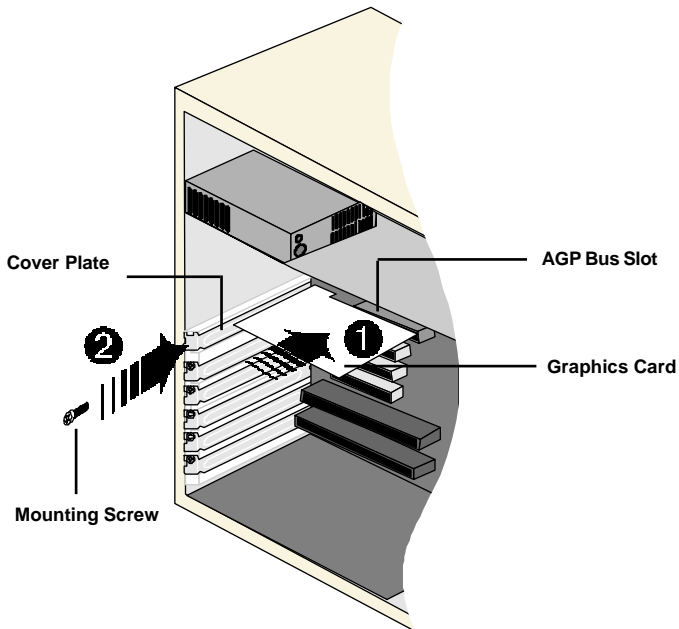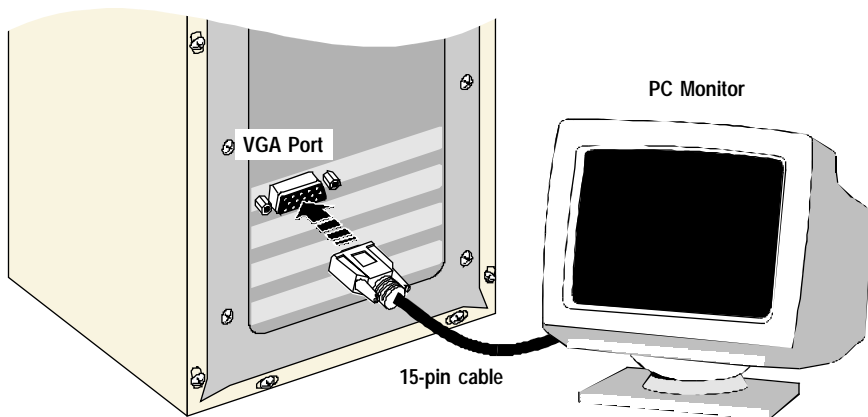


Remove the cover of your computer. Select an available AGP-Bus Slot and remove its cover plate.

❶ Insert the Graphics Card firmly into the AGP Bus Slot.

❷ Secure the Graphics Card with a mounting screw.

Replace the cover of your computer.

# Connecting the Graphics Card



1.   Connect the standard **15-pin cable from your PC Monitor** to the **VGA Port on the Graphics Card**.

*Your PC system may also have a **standard Graphics Card drivers**. You may choose to install the standard Graphics Card driver instead of the **M64 Graphics Card driver** that comes with the **M64 Installation CD**. In this case, do not place the M64 Installation CD into your CD-ROM drive. When prompted with **Update Device Driver Wizard** dialog boxes, click **Next** to accept the default settings for standard Graphics Card driver and restart your system when prompted.*

*However, do take note that the performance of M64 Graphics Card will only be fully optimised when installed with the **M64 Graphics Card driver**.*

# Installing the M64 Graphics Card Driver in Windows®95/98/NT®4.0

## For Windows®95

1.  Power on your computer and start Windows. Windows will detect the newly-installed Graphics Card and prompts for its driver. Place the **Installation CD** into your CD-ROM drive and click **Next**.

2.   Windows will prompt that it has located the M64 Graphics Card driver. Click **Finish** to use the driver found.
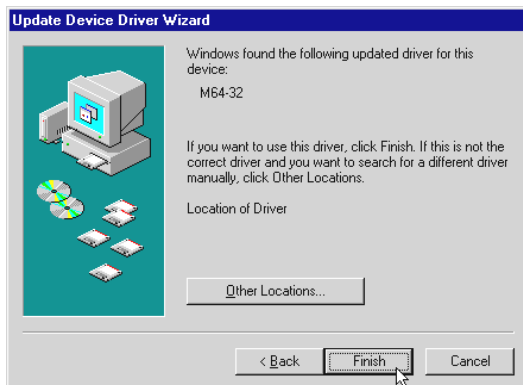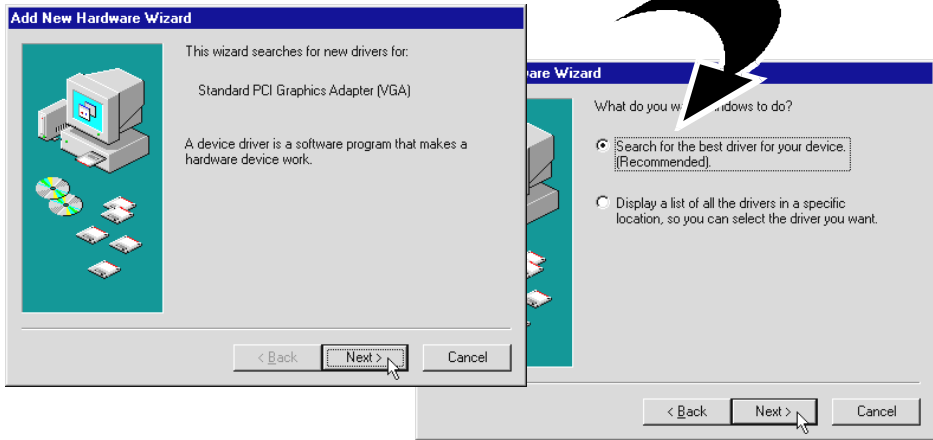


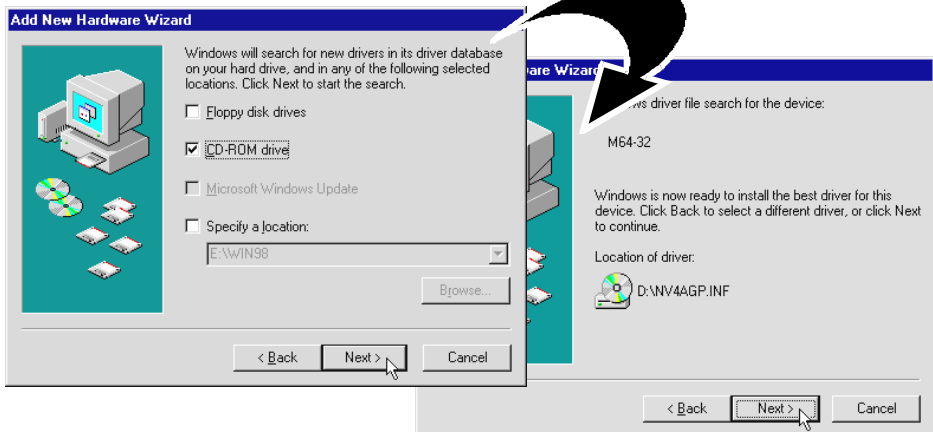3.   When prompted to restart the system, click **Yes**. New changes will take effect upon system restart.
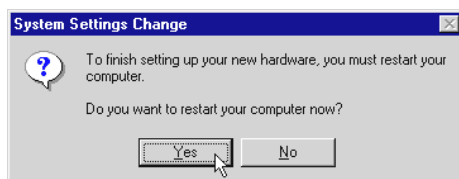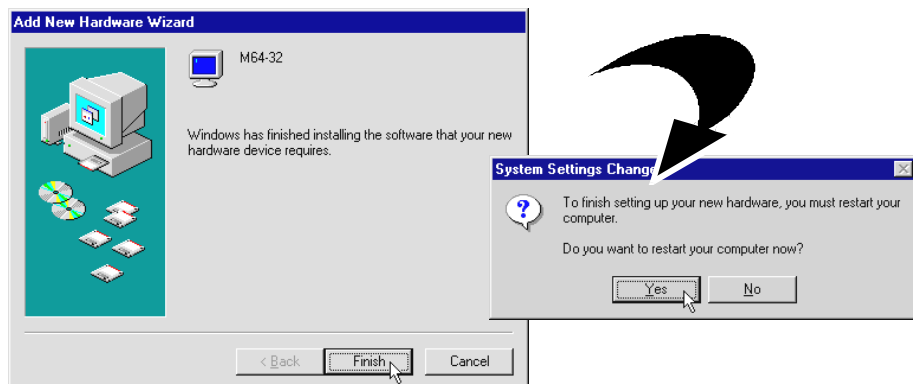
# For Windows®98

1.    Start Windows® 98. Windows will detect the newly-installed Graphics Card. Place the **Installation CD** into your CD-ROM drive and click **Next**.

2.    Click the option **"Search for the best driver for your device. (Recommended)"** and click **Next** to proceed.

3.    Select the option **CD-ROM drive** for the source of your driver and click **Next**.

4.    Click **Next** again to proceed installation with the driver found.

5. To complete the driver installation, click **Finish**.

6. When prompted to restart the system, click **Yes**. New changes will take effect upon system restart.
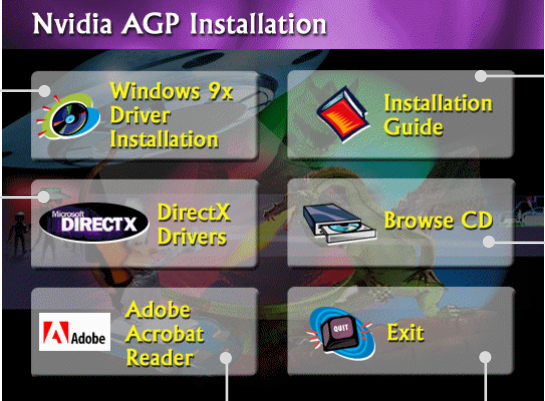


# For Windows NT® 4.0

1. Start Windows NT® 4.0.

2. Place the **Installation CD** into your CD-ROM drive.

3. From the Windows NT® taskbar, click **Start** > **Run...** .

4. In the **Run** text box, type **"D:\winnt4\setup.exe"** and click **OK**.
   (Assuming **D** is your CD-ROM drive letter. Else, substitute the letter accordingly.)

   The system will start installing the driver.

Follow the on-line instructions to complete the driver installation.

# M64 Loader

**M64 Installation CD** comes with a Loader for your easy navigation. To activate the M64 Loader, double-click **cdsetup.exe**. The **Nvidia AGP Installation** loader will be launched (as shown below).

[1] Click to install the driver for your card.

Click to access the User's Manual on the CD. (Acrobat Reader needs to be installed in your system.)



Click to install DirectX™ driver. Follow the online instructions to complete the installation.

Click to browse through the contents on the CD.

Click to install Acrobat Reader on your system. Follow the online instructions to complete the installation.

*(Acrobat Reader is required if are accessing the User's Manual on the Installation CD.)*

Click to Exit from the loader.

[1]    *Selecting **Windows 9x Driver Installation** from the loader will prompt you to install the M64 Graphics Card driver again. This will overwrite your existing M64 Graphics Card driver.*

> **For Windows® 95/98 users**, *if you do not have **DirectX™** installed in your system, or if the version is below 6.0, please proceed to install the **DirectX Drivers** from the loader for optimal graphics performance with M64 Graphics Card.*
>
> *The **M64 User's Manual** that comes with the CD, is a **PDF** File (Portable Document Format) which requires **Adobe Acrobat Reader** to display. If you do not have the software installed in your system, please proceed to install **Adobe Acrobat Reader** from the loader.*

# Testing the Graphics Card in Windows® 95/98

1.    From the Windows taskbar, click **Start** > **Settings** > **Control Panel**.

2.    Double-click 🖥️ System icon.

3.    A **System Properties** window will appear.  Click the **Device Manager** tab.

4.    Double-click **Display adapters** to list **M64-32** Graphics card. Double-click on it.

5.    A **Properties** window will appear.  From the **General** tab, check that the **Device Status** has the message: "**This device is working properly**".
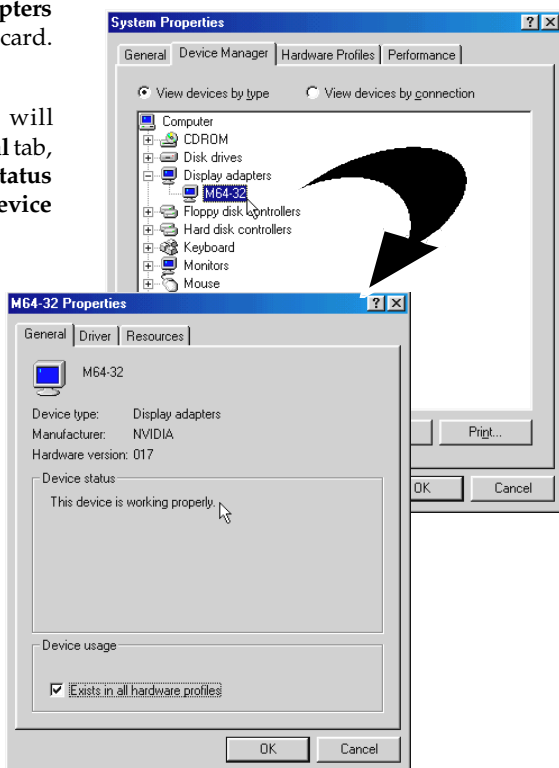
# Running the Graphics Card Display

To activate the **Display Properties** window,

1. From your Windows taskbar, click **Start** > **Settings** > **Control Panel**.

2. Double-click [Display] icon. The **Display Properties** window will be displayed (as shown on your right).

   *Explore the properties for various visual effects!*

> *Before you start exploring the display features, make sure that you have set the* **Colors** *to* **16-bit** *or higher, which will bring out a better visual quality. (Choose from the* **Colors** *drop-down list.)*

3. To understand the display properties, right-click on the feature. System will pop-out "**What's this**". Click on it and the explanation will be displayed.
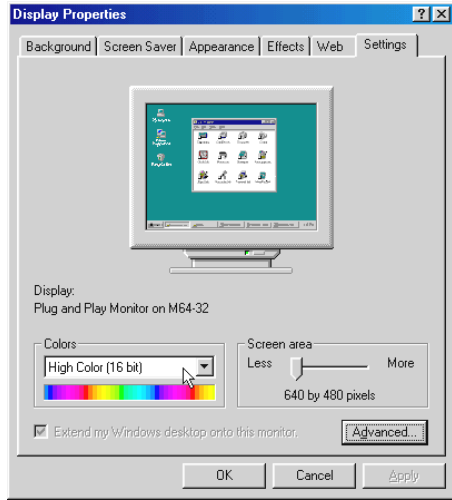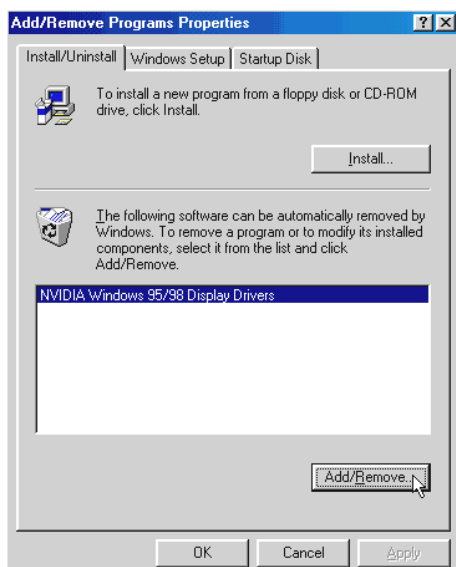


*(Illustration is based on Windows® 98. For Windows® 95, most of the features can be found from the tabs below the title.)*
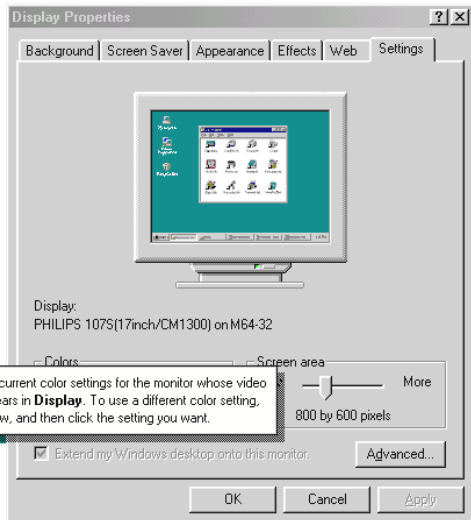
# Uninstalling the
# M64 Graphics Card Driver

1.    From your Windows taskbar, click **Start** > **Settings** > **Control Panel**.

2.    Double-click ![Add/Remove Programs] (**Add/Remove**) icon. The **Add/Remove Programs Properties**

      window  will  be  displayed.



3.    Click **NVIDIA Windows 95/98 Display Drivers** and click **Add/Remove...** .

Follow the online instructions to complete the uninstallation process.