

Introduction

Thank you for purchasing the **USB 2.0 Graphic Card**. The USB 2.0 Graphic Card enables you to connect any monitor, LCD, projector to your PC or notebook. You can use it as an extended desktop or as a larger/different display for you main screen. By using USB 2.0 technology, there is no need to open the computer or struggle with compatibility issues related to a second Graphic card.

What are the benefits and uses?

Office workstation:

- View your large spreadsheets across two screens with display continuity
- Multitask more effectively without overlapping windows
- Open attachments on one screen while reading the e-mail on the other

On the road:

- Do multiple screen displays and presentations without bringing another computer

Graphics workstation:

- Use second display for pallets/tools

Editing workstation:

- Type documents on one screen while viewing reference material on the other

Wall Street:

- Use a notebook for viewing multiple screens
- View charts and live data at the same time

Entertainment:

- View videos/TV on one screen and reviews on the other

How will *YOU* use it?

System Requirements

- ©Pentium 4 CPU: 1.5GHz, 256MB RAM above
- ©Available USB 2.0 port
- ©Windows 2000 / XP / Vista operating system.

Package Contents

- © USB 2.0 Graphic Card x 1
- © Driver/Manual CD x 1

Note: Please keep to download the latest driver version from the website.

Quick installation

Follow these steps to quickly install your new USB 2.0 Graphic Card:

NOTE:

Do not plug the USB 2.0 Graphic Card into the system before the driver is finished installing.

1. Insert the driver/manual CD and follow the instructions.
2. Make sure to restart the computer.
3. Turn on your 2nd monitor and connect it to the adapter.
4. Plug the adapter into an available **USB 2.0 port**.
5. When finished, you should see the extended display on the 2nd monitors.

See **Appendix** for detail instruction of the driver installation, **Frequently Asked Questions** and **Troubleshooting Tips** sections for additional help.

Display Utility

After the driver is installed, a utility will appear in the lower right taskbar. This utility allows you to quickly change the settings and resolution for your USB 2.0 Graphic Card. Access the menu by right clicking on the icon.



Supports Mode:

1. Primary
2. Extended
3. Mirror

Supports Resolution:

Aspect Ratio	Resolution	
5:4	1280 * 1024	16,32
4:3	1024 * 768	16,32
4:3	800 * 600	16,32
4:3	640 * 480	16,32

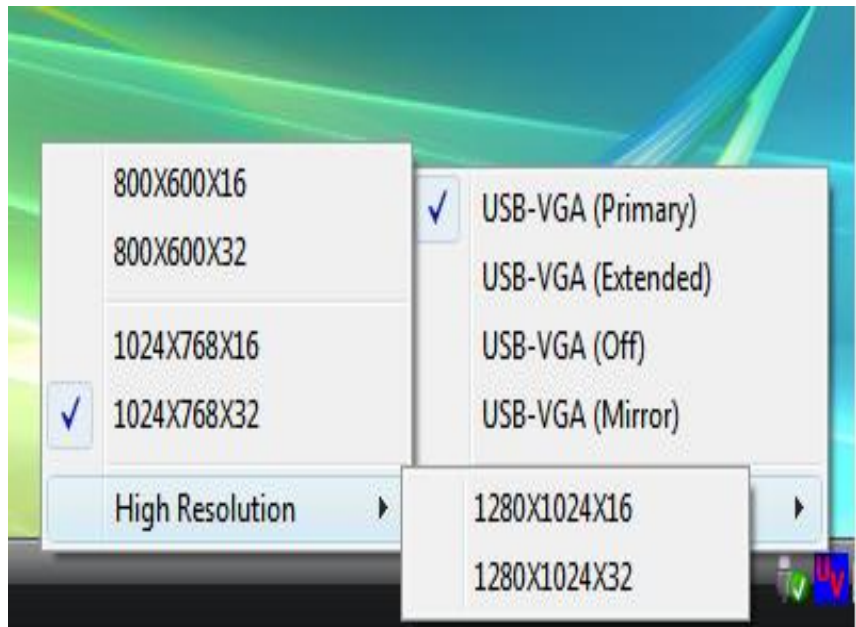
***Note: 1280*768 is the best resolution for DVD playing**

USB-VGA (Primary)

To make the USB 2.0 Graphic Card the main display adapter in the system. The system's main display (monitor) will automatically switch to being the secondary display adapter and act as the extended desktop.

You can disable the other utility (usually found in the same toolbar located on the bottom right hand corner) to make this function work properly.

Note: it may disable the main display on part of graphic cards when access the Primary function.

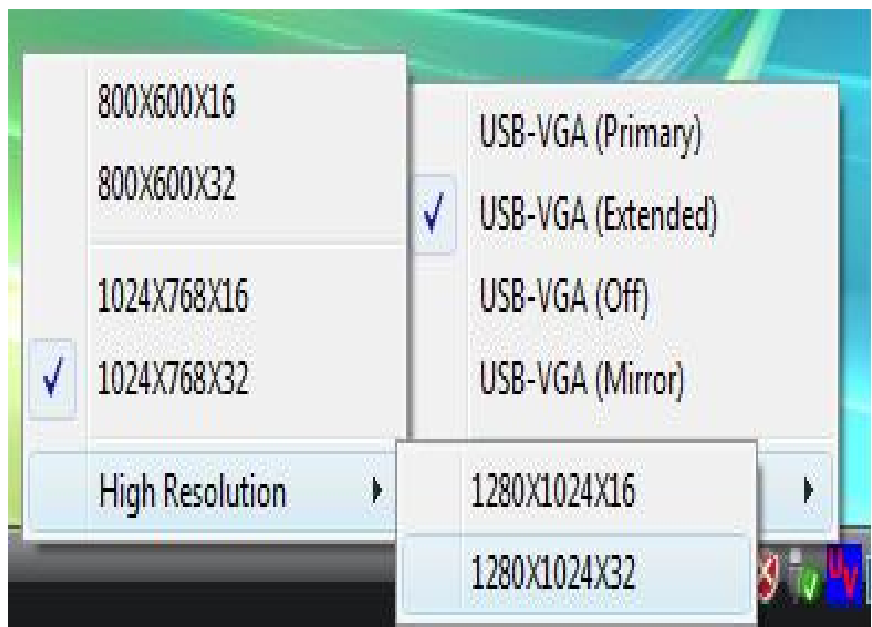


USB-VGA (Extended)

By default, your USB 2.0 Graphic Card will extend your Windows desktop.

You can change the relative position of this extension under the **Display Properties** (Go to Control Panel -> double click on the **Display** and select the **Settings** tab).

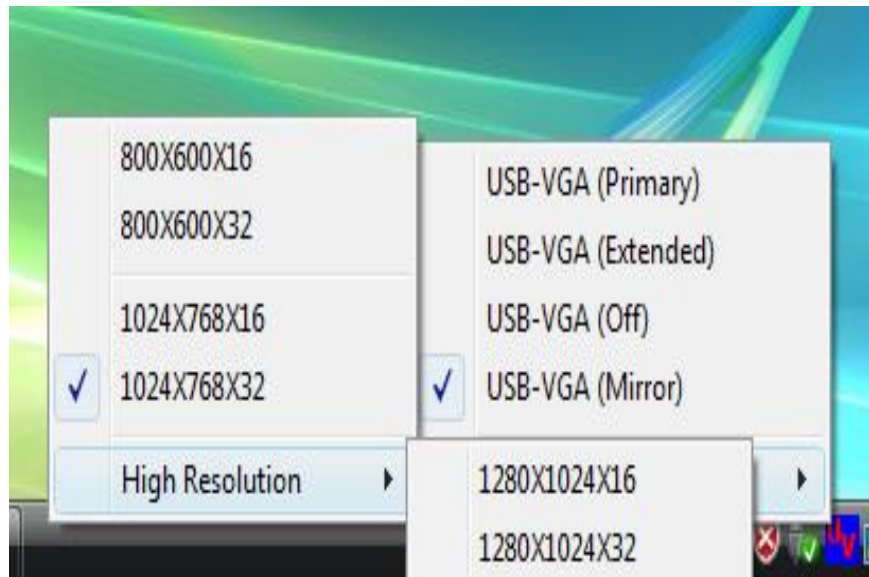
Note: Playback suggestion: Media Player Classic software on Windows Vista.



Mirror

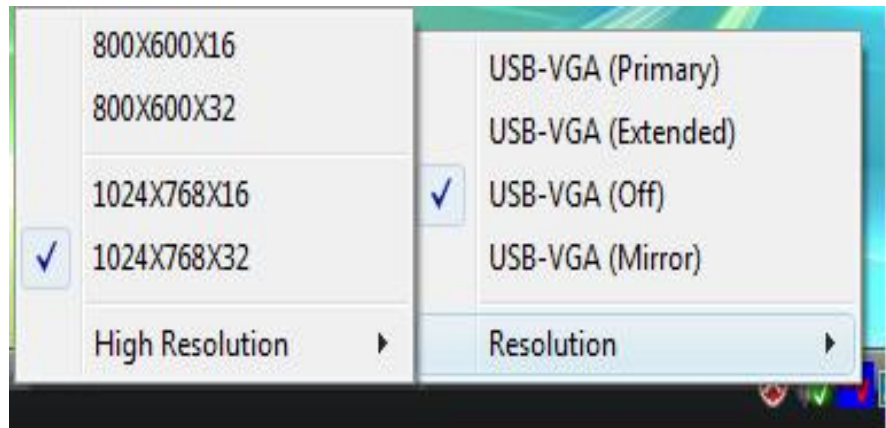
Your USB 2.0 Graphic Card will mirror your Windows desktop.

You can see the same desktop image in both monitors.



USB-VGA (Off)

This option disables the USB 2.0 Graphic Card on the system.



Display Properties of USB 2.0 Graphic Card

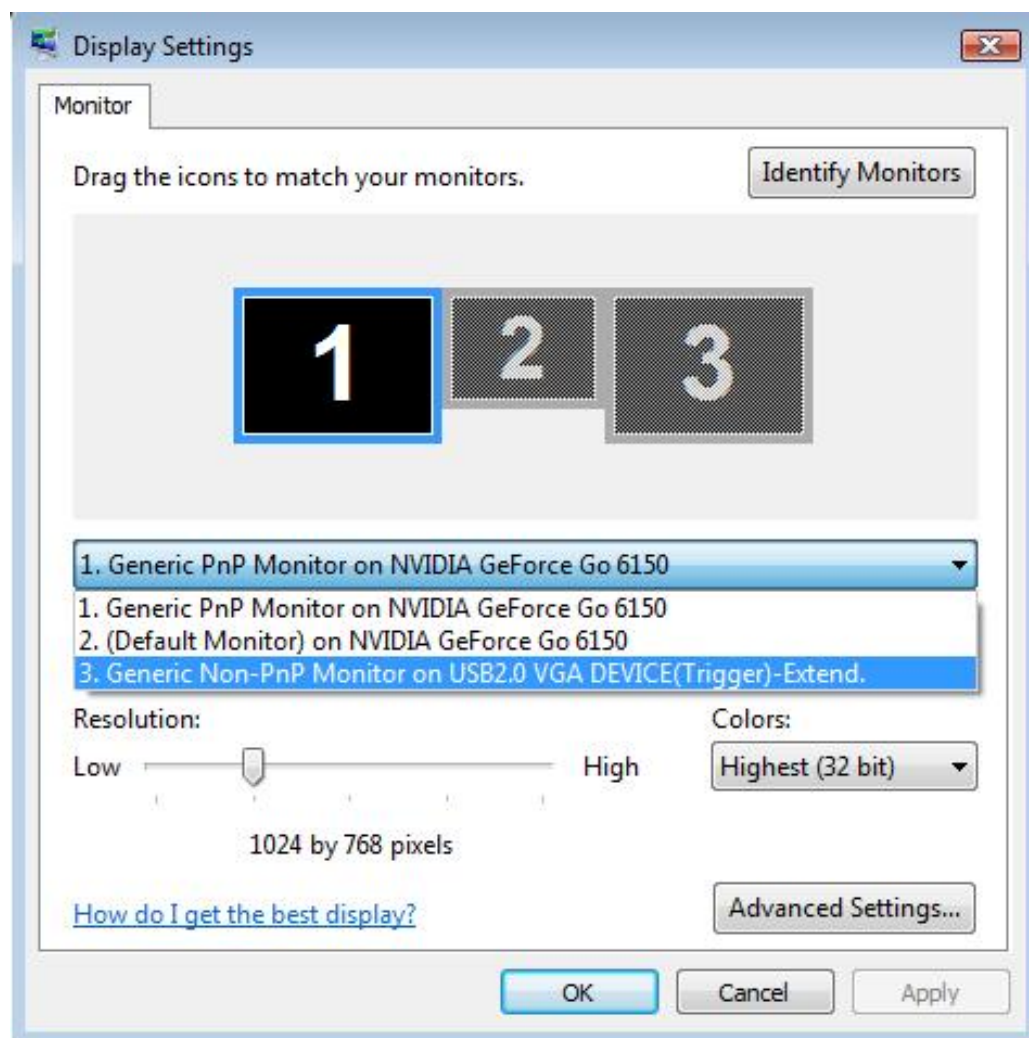
To access the Display Properties for the USB 2.0 Graphic Card, go to “**Control Panel**” and double click on the “**Display**” icon. Select the “**Settings**” tab.

Click on the “**Display**” pull down menu and select the “**USB 2.0 VGA DEVICE**”.

From here, you can change the resolution and color depth as desired.

Click “**OK**” to apply the settings.

You can also make these changes using the USB 2.0 Graphic Card utility.



Virtual Repositioning Your Displays

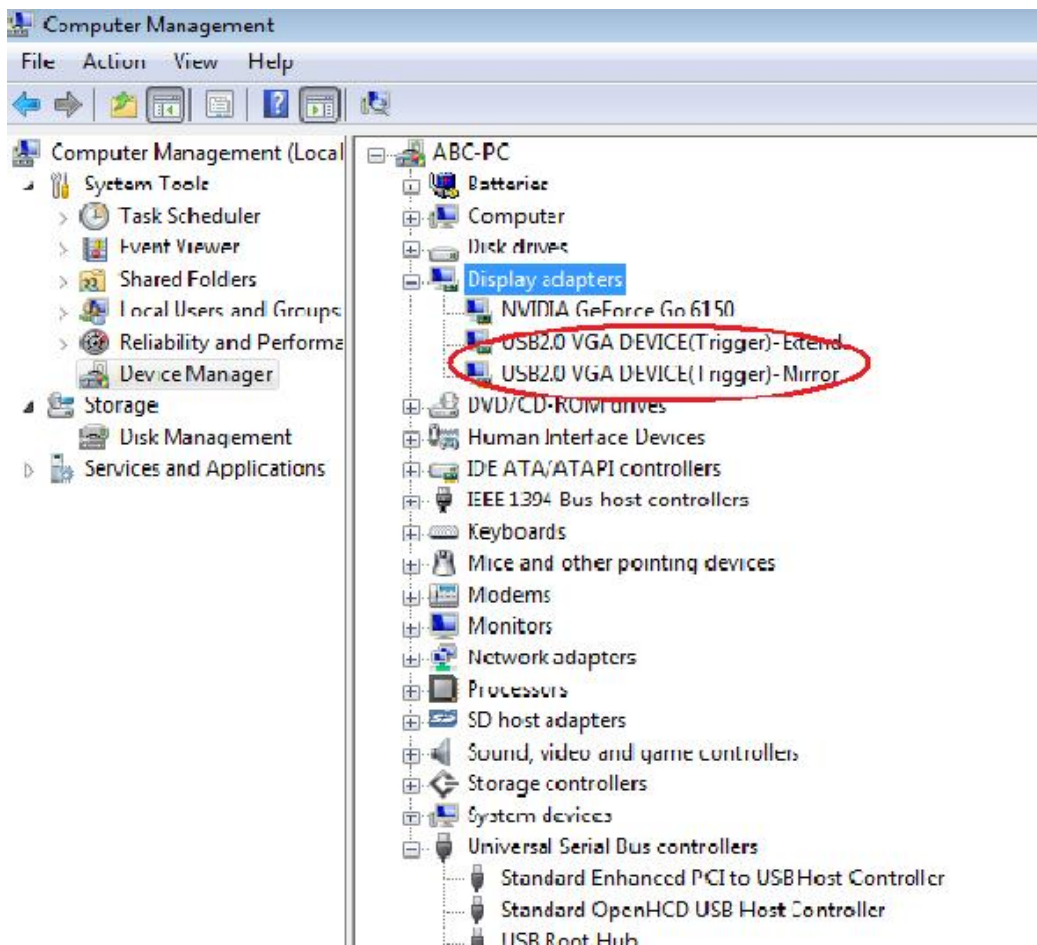
On the Settings tab of your Display Properties, click and drag the appropriate monitor icon (labeled 1 or 2) to the desired position. For example, the secondary display can be dragged to the left of the primary display, allowing it to be virtually on the left. Click **OK** or **Apply** to save the changes.

To make sure the “USB 2.0 VGA” device has been installed successfully. Please move the cursor to “Start”

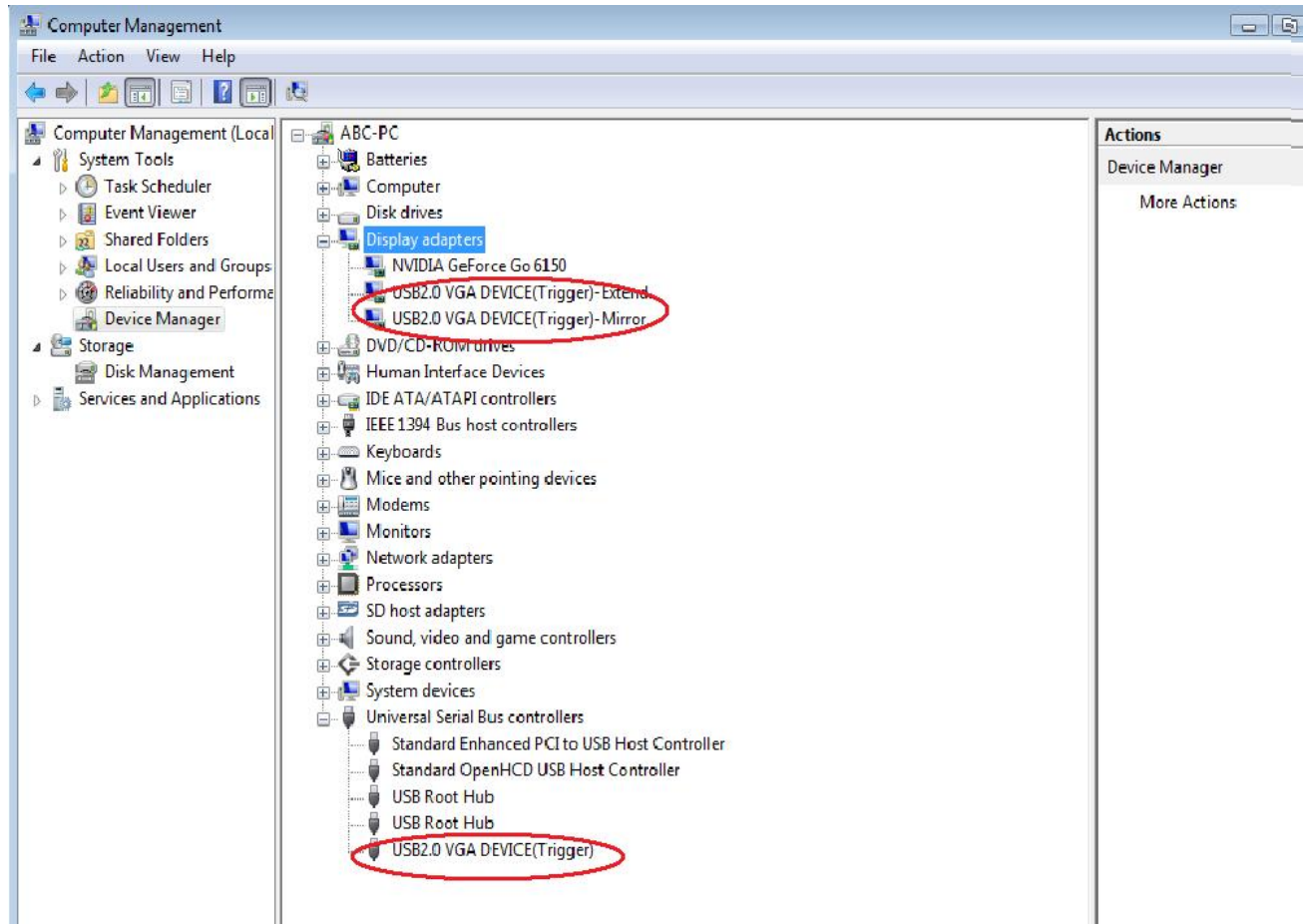
- “Control Panel”
- “Performance and Maintenance”
- “System Properties”
- “Hardware”
- “Device Manager”

Then, please double click “Display adapters”, it will show 2 new directions.

- ➔ **USB2.0 VGA DEVICE (Trigger) - Extend**
- ➔ **USB2.0 VGA DEVICE (Trigger) - Mirror**



Then, plug-in the USB-Graphic Card, please double click “Universal Serial Bus controllers”, it will show 1 new directions > **USB2.0 VGA DEVICE (Trigger)**



APPENDIX

Frequently Asked Questions (FAQ)

Q: Why can't I make the USB 2.0 to Graphic Card the primary display?

A: Some video cards ship their product with a utility that prevent other video cards from being set as the primary card. Check the bottom right hand corner taskbar for the utility. Disable the utility before switching our adapter to be the primary display.

Q: Why won't my DVD player work when I move it over to the extended display?

A: Some DVD playback software packages do not support playing on a second display adapter of any kind.

Q: How come my video will not play on Media Player if I move it over to the extended desktop?

A: Check that you have moved the Media Player window completely over to the second screen.

Q: Why does my mouse not move pass the right side of the screen as it should on extended desktop?

A: Check the display settings and make sure that your display number '2' is on the right side of display number '1'. You can rearrange how Windows treats each display in relation to each other in the Display Properties Settings.

Q: There are lines running horizontally up and down my screen.

A: This is due to a low refresh rate setting. You can change this in the Display Properties Settings Advanced Monitor. Make sure you select the USB 2.0 VGA Device first and not set the refresh rate higher than what your monitor can support. This may damage your monitor. You can also try to reset/refresh/resynchronize your monitor.

Q: Direct3D does not work?

A: This is a current limitation of the adapter. Please check for driver updates in the future to add support for this. If your application requires this, please use the main display adapter.

Q: Why won't the Adapter work on Windows Vista 64 bit version?

A: Currently, the driver is compatible with Windows Vista 32 bit version only. Please check for the driver updates in the future.

Troubleshooting Tips

The following troubleshooting tips may help if you are experiencing any issues. Contact your dealer for additional help if needed.

- Check to make sure that all connectors are plugged in correctly.
- Make sure that the USB port that you are using is USB 2.0.
- Check to see that the monitor is connected correctly and the power is ON.
- Try connecting the adapter directly to the computer instead of through a hub.
- Unplug all other USB devices from the system.
- Make sure you restart your computer after the driver installation.
- Unplug the adapter and re-insert it.
- Try a different USB 2.0 port and/or computer
- Check the website to make sure you have the latest drivers.
- Reset/refresh/resynchronize your monitor.
- If you have problems during the boot up process, start your computer in Safe Mode and uninstall the driver. Hold the CTRL key until the Windows startup menu appears and select Safe Mode.
- As there is a limitation, the USB 2.0 Graphic Card cannot be used for the viewing of DVD video movie except for the Media Player Classic software on Windows Vista.
- It may disable the main display when you access the Primary function on part of graphic cards of Intel solution.