Gigabyte GV-N94TOC-1GI Graphics Card





Gigabyte GV-N94TOC-1GI 9400 GT Graphics Accelerator **User's Manual**

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Gigabyte GV-N94TOC-1GI 9400 GT Graphics Accelerator



NVIDIA® GeForceTM 9400 GT Graphics Accelerator

- · User's Manual
- Rev. 105
- 12MM-N94TOC-105R

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Notice

- Please do not remove any labels on this graphics card. Doing so may void the warranty of this card.
- Due to rapid change in technology, some of the specifications might be out of date before the publication of this manual. The author assumes no responsibility for any errors or omissions that may appear in this document nor does the author make a commitment to update the information contained herein.

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Per FCC Part 2 Section 2.1077(a)



Responsible Party Name: G.B.T. INC. (U.S.A.)

Address: 17358 Railroad Street City of Industry, CA 91748

Phone/Fax No: (818) 854-9338/ (818) 854-9339

hereby declares that the product

Product Name: VGA Card Model Number: GV-N94TZL-1GI

Conforms to the following specifications:

FCC Part 15, Subpart B, Section 15.107(a) and Section 15.109 (a), Class B Digital Device

Supplementary Information:

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 and (2) this device must accept any inference received, including that may cause undesired operation.

Representative Person's Name: <u>ERIC LU</u>

Signature: Eric Lu

Date: June. 18, 2010

DECLARATION OF CONFORMITY

Per FCC Part 2 Section 2.1077(a)



Responsible Party Name: G.B.T. INC. (U.S.A.)

Address: 17358 Railroad Street City of Industry, CA 91748

Phone/Fax No: (818) 854-9338/ (818) 854-9339

hereby declares that the product

Product Name: VGA Card Model Number: GV-N94TOC-1GI/ GV-N94TOC-512I

Conforms to the following specifications:

FCC Part 15, Subpart B, Section 15.107(a) and Section 15.109 (a),Class B Digital Device

Supplementary Information:

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 and (2) this device must accept any inference received, including that may cause undesired operation.

Representative Person's Name: <u>ERIC LU</u> Signature: <u>Eric Lu</u>

Date: Oct. 24, 2008



DECLARATION OF CONFORMITY

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Address: 17358 Railroad Street City of Industry, CA 91748

Phone/Fax No: (818) 854-9338/ (818) 854-9339

hereby declares that the product

Product Name: VGA Card Model Number: GV-N94T-512I

Conforms to the following specifications:

FCC Part 15, Subpart B, Section 15.107(a) and Section 15.109 (a),Class B Digital Device

Supplementary Information:

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 and (2) this device must accept any inference received, including that may cause undesired operation.

Representative Person's Name: ERIC LU

Signature: Eric Lu

Date: Dec. 25, 2008

Introduction

Features

- Powered by NVIDIA® GeForceTM 9400 GT Graphics Processing Unit (GPU)
- Supports PCI Express 2.0
- Integrated with 1 GB GDDR2 memory (For GV-N94TZL-1GI/GV-N94TOC-1GI only)
- Integrated with 512 MB GDDR2 memory (For GV-N94TOC-512I/GV-N94T-512I only)
- Supports DirectX 10
- Supports 1 HDMI connectors
- · Supports 1 D-Sub connector
- Supports 1 Dual-Link DVI-I connector
- Supports HDCP (High-Bandwidth Digital Content Protection) technology

Minimum System Requirements

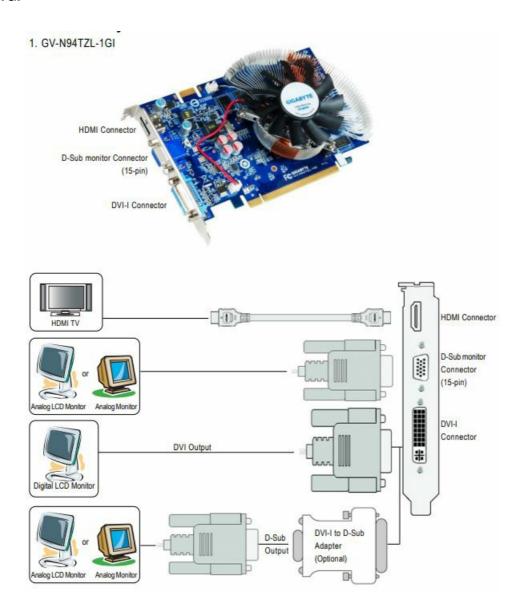
Hardware

- Intel® Pentium®/CoreTM 2 or AMD AthlonTM/PhenomTM
- 128 MB of system memory; 2 GB or more for best performance
- Optical drive for software installation (CD-ROM or DVD-ROM drive)
- A power supply with 300-watt is recommended
- Operating System
 - Windows® Vista
 - Windows® XP with Service Pack 2 (SP2)
 - Windows® XP Professional x64 Edition

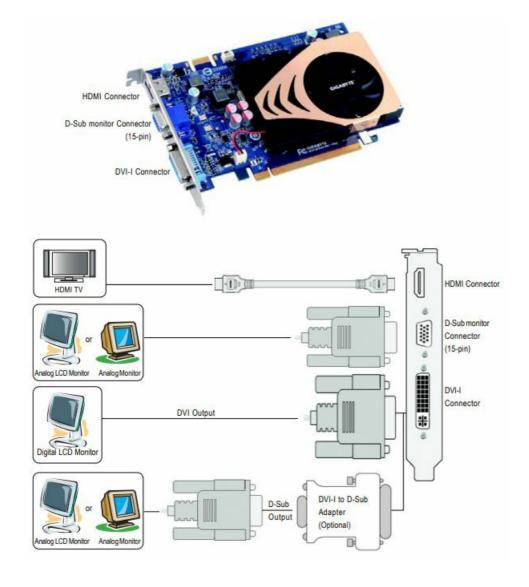
Hardware Installation

Board Layout

GV-N94TZL-1GI

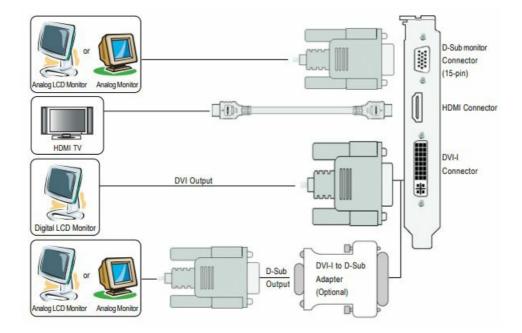


GV-N94TOC-1GI/GV-N94TOC-512



GV-N94T-512





Expansion cards contain very delicate Integrated Circuit (IC) chips. To protect them against damage from static electricity, you should follow some precautions whenever you work on your computer.

- 1. Turn off your computer and unplug the power supply.
- 2. Use a grounded wrist strap before handling computer components. If you do not have one, touch both of your hands to a safely grounded object or to a metal object, such as the power supply case.
- 3. Place components on a grounded antistatic pad or on the bag that comes with the components whenever the components are separated from the system.

The card contains sensitive electric components, which can be easily damaged by static electricity, so the card should be left in its original packing until it is installed. Unpacking and installation should be done on a grounded anti-static mat. The operator should be wearing an anti-static wristband, grounded at the same point as the anti-static mat.

Inspect the card carton for obvious damage. Shipping and handling may cause damage to your card. Be sure there are no shipping and handling damages on the card before proceeding.

- DO NOT APPLY POWER TO YOUR SYSTEM IF THE GRAPHICS CARD IS DAMAGED.
- In order to ensure that your graphics card can work correctly, please use the official GIGABYTE BIOS only. Using non-official GIGABYTE BIOS might cause a problem(s) on the graphics card.

Hardware Installation

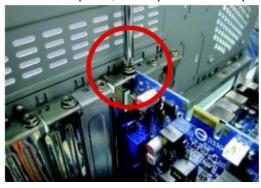
Now that you have prepared your computer, you are ready to install your graphics card.

Step 1: Locate the PCI Express x16 slot. If necessary, remove the metal cover from this slot; then align your graphics card with the PCI Express x16 slot, and press it in firmly until the card is fully seated.



Make sure that the gold edge connector of the graphics card is securely inserted.

Step 2: Replace the screw to fasten the card in place, and replace the computer cover.



Step 3: Plug the display cable into your card; then turn on the computer and monitor. To connect a D-Sub monitor to your graphics card, use the D-Sub connector. To connect a flat panel display to your graphics card, use the DVI-I connector. To connect an HDMI monitor to your graphics card, use the HDMI connector.



Connect an HDMI monitor



Connect a D-Sub monitor

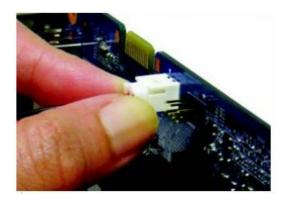


Connect a flat panel display



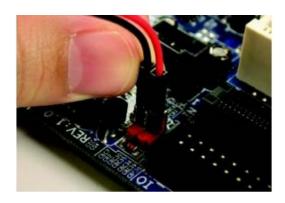
Step 4: To connect an HDMI TV, follow the steps below to enable the S/PDIF in function for the graphics card.

• Connect the provided S/PDIF cable to the graphics card.



• Connect the S/PDIF cable to the motherboard. (the red wire connects to the S/PDIF out pin and the black to the Ground pin)

You are now ready to proceed with the installation of the graphics card driver. Please refer to next chapter for detailed instructions.



Software Installation

Notice the following guidelines before installing the drivers:

- 1. First, make sure your system has installed DirectX 9 or a later version.
- 2. Make sure your system has installed the appropriate motherboard drivers (for the motherboard drivers, please contact the motherboard manufacturer.)

Driver and Utility Installation

Driver Installation

After installing the operating system, insert the driver disk into your optical drive. The driver Autorun screen is automatically displayed which looks like that shown in the screen shot below. (If the driver Autorun screen does not appear automatically, go to My Computer, double-click the optical drive and execute the setup.exe program.)

• Step 1: Click the Install Display Driver item.

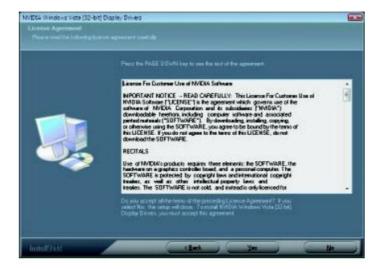


• Step 2: Click the Next button.

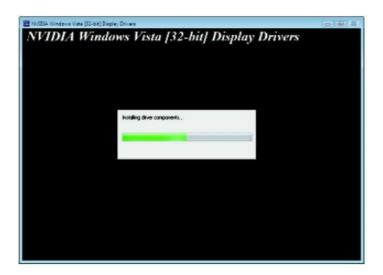


For software MPEG support in Windows XP, you must install DirectX first. Users who run Windows XP with Service Pack 2 or above do not need to install DirectX separately.

• Step 3: Click the Yes button.



The system installs the components



Step 4:

- Click the Finish button to restart the computer.
- Then the driver installation is completed.



• Step 1: Click the GIGABYTE Gamer HUD Lite item.



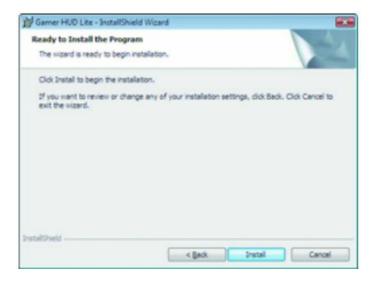
• **Step 2:** Choose the language for the installation and click the OK button.



• Step 3: Click the Next button.



• Step 4: Click the Install button.



The system is installing the components.

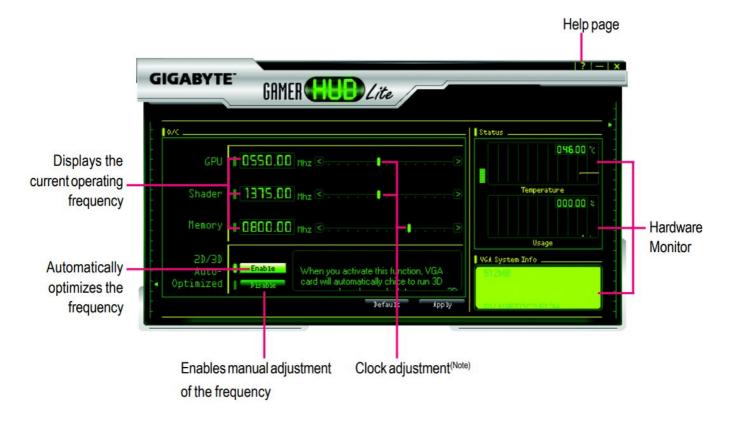


• Step 5: Click the Finish button. Then the installation of the GIGABYTE Gamer HUD Lite is completed.



GIGABYTE Gamer HUD Lite

The GIGABYTE Gamer HUD Lite allows you to adjust the working frequency of the GPU, Shader and video memory.



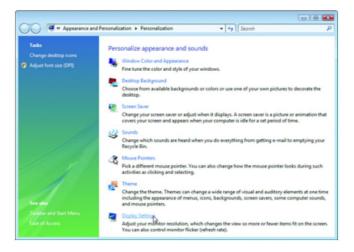
Button	Function		
Default (Note)	Allows you to load the default settings		
Apply (Note)	Allows you to save the values you adjust		
Enable	Lets the utility optimize the GPU/Shader/memory frequency settings		
Disable	Allows you to manually configure the GPU/Shader/Memory frequency settings		
Hardware Monitor	Displays the GPU usage and temperature, the GPU usage/thermal curve, and your graphics card information		
?	Opens Help page		

Incorrectly doing overclock/overvoltage may result in damage to your system and reduce the useful life of the system components.

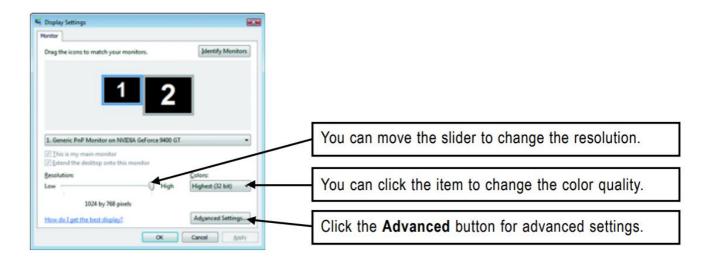
(Note) This item is configurable only if 2D/3D Auto-Optimized is set to Disable.

Display Properties Pages

- Display Settings (Resolutions and Color Quality for Windows)
- To access Display Settings page, right-click on desktop and select Personalize, then the Personalization windows will show up. Select Display Settings to adjust the screen resolution and color quality settings.



- You can move the slider to change the resolution.
- You can click the item to change the color quality.
- Click the Advanced button for advanced settings.



Accessing NVIDIA Control Panel

After installation of the display driver, right-click on the desktop and select NVIDIA Control Panel. The NVIDIA Control Panel is used to configure all your graphics card settings.



• Right-click on the desktop and select NVIDIA Control Panel.

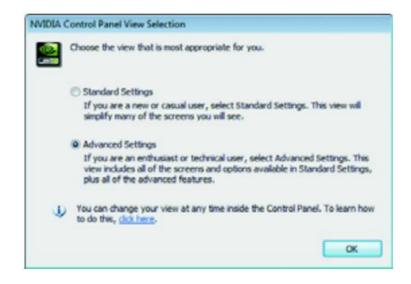
- Or you can right-click on the desktop and select Personalize, and then the Control Panel\Appearance
- Personalization\Personalization window will show up. Select Display Settings. When the Display
- Settings dialog box appears, click Advanced Settings.
- · After clicking the Advanced Settings button in Display Settings, you'll see the Generic PnP
- Monitor and NVIDIA GeForce 9400 GT Properties dialog box. Click the GeForce 9400 GT tab to access the NVIDIA Control Panel.
- On the GeForce 9400 GT tab page, click Start the NVIDIA Control Panel to launch the NVIDIA Control Panel.



Select the view of the NVIDIA Control Panel that is most appropriate for you.

- Standard Settings
- Advanced Settings

The following pages provide details on configuring advanced settings.



In the NVIDIA Control Panel, select a category to alter specific NVIDIA display settings.

The categories are:

- 3D Settings
- Display
- Video & Television



In the NVIDIA Control Panel, change a view if you want.

The supported modes are:

- Standard
- Advanced
- Custom



3D Settings

Tasks in the 3D Settings pages allow you to do the following:

- Change the image and rendering settings of your 3D applications and games that utilize Direct3D and OpenGL technology.
- Override the shipped clocked frequencies of your GPU and GPU memory to increase your GPU performance.
- Assign specific 3D settings to a game so that these settings automatically load when a game is launched.

Adjust Image Settings with Preview

If you are unfamiliar with 3D technology or not an advanced graphics user, use the Adjust Image Settings with Preview page to preview any changes you make for improved image quality and rendering.



Manage 3D Settings (Note)

The Manage 3D Settings page enables you to establish default 3D settings to use for all your Direct3D or OpenGL applications and to establish a unique set of 3D settings for a particular game or application.



(Note) This item is present only in Advanced view mode.

Display

A variety of display features enable you to further manipulate and configure your display settings to optimize the use of your displays. Tasks in the Display pages allow you to do the following:

- Move CRT screen position
- · Change resolution
- · Adjust desktop color settings
- Rotate display
- Manage custom resolutions (Note)
- · Set up multiple displays

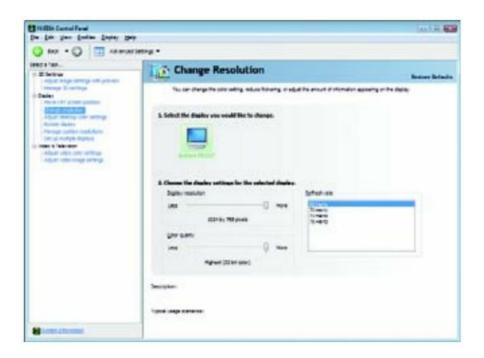
Move CRT Screen Position

You can use your mouse (by clicking on the arrow keys on this page) or the arrow keys on your keyboard to adjust the position of your desktop to better fit your display. This is a useful alternative to using the controls (buttons) on your actual physical display.



Change Resolution

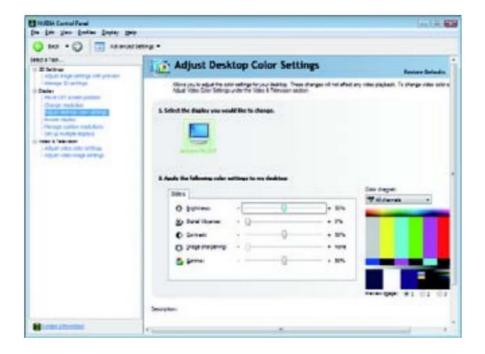
Using the Change Resolution controls, you can change the color setting, reduce screen flickering, or adjust the amount of information appearing on your display.



(Note) This item is present only in Advanced view mode.

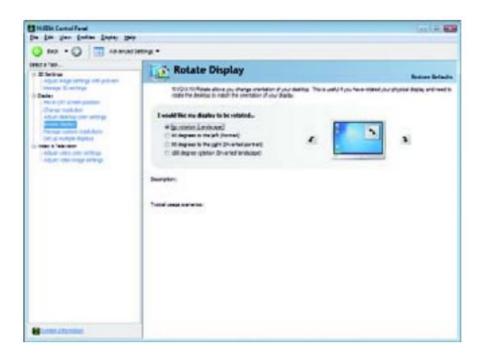
Adjust Desktop Color Settings

Use this page to set the contrast, sharpness, and color depth (Digital Vibrance) of the images on your desktop. These changes will not affect any video playback. To change video color settings, go to Adjust Video Color Settings under the Video and TV section from the Start page.



Rotate Display

The NVIDIA Rotate features enable you to change the orientation of your desktop to portrait, landscape, and inverted modes. This is useful if you have rotated your physical display and need to rotate the desktop to match the orientation of your display.



Manage Custom Resolutions (Note)

- If you are an advanced user, you can create custom timing modes with the width, height, bit-color depth, and the refresh rate etc. The
- Advanced Timing page enables you to adjust timings for your graphics card in order to support a variety of different display timings for ultimate flexibility for analog CRT and DVI connections. You can use the advanced
- Change Resolution Attributes page to view custom display modes you have saved in the Create Custom Resolutions page.



Set Up Multiple Displays

NVIDIA nView technology enables you to view your desktop in one of several multi-display modes to make the best use of the displays (monitors) that are connected to your computer.



Dual-Monitor Setup

- You can set the display to output from two monitors on the Set Up Multiple Displays page.
- Select your preferred nView display modes here.
- Only use one display (Single)
- The same on both display (Clone)
- Configured independently from each other (Dualview)
- As one large horizontal desktop (Horizontal span) (Note)
- As one large vertical desktop (Vertical span) (Note)



The same on both display (Clone)

Clone mode indicates that both displays in the display pair show images of the same desktop.



Configured independently from each other (Dualview)

- Dualview mode indicates that both displays in the display pair function as one virtual desktop. Unlike
- Horizontal Span or Vertical Span mode, Dualview treats each display as a separate device. This means that
 the taskbar will not be stretched across displays and 3D applications are not accelerated as efficiently as when
 the application spans displays.



Dualview Mode

(Note) This item is present only in Windows XP.

As one large horizontal desktop

(Horizontal span) (Note 1)

Horizontal Span mode indicates that both displays in the display pair function as one wide virtual desktop. The width of each display is half the width of the total virtual desktop width.



As one large vertical desktop

(Vertical span) (Note 1)

- Vertical Span mode indicates that both displays in the display pair function as one tall virtual desktop.
- The height of each display is half the height of the total virtual desktop height.



Vertical Span Mode

	Model	GV-N94TZL-1GI/GV-N94TOC-1GI/GV-N94TOC-512I/GV-N94T-512I
	CRT+HDMI	Yes
	CRT+DVI	Yes
Display Matrix	DVI+HDMI	Yes
	DVI+HDMI+CRT	No
	DVI +DVI (Note 2)	Yes
	CRT+CRT (Note 3)	Yes

- (Note 1) This item is present only in Windows XP.
- (Note 2) By an HDMI-to-DVI adapter.
- (Note 3) By a DVI-to-D-Sub adapter.

Video & Television

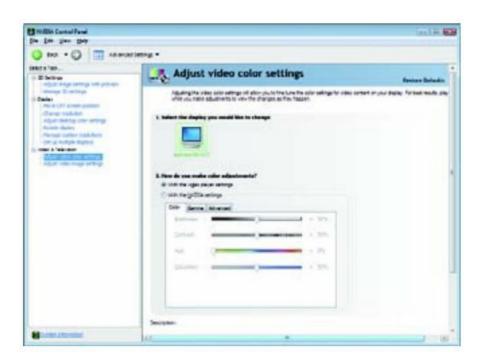
• Video and television features are similar to those for analog for optimal viewing. Tasks in the Video &

Television pages allow you to do the following:

- Adjust your television picture quality and video color settings for the best possible viewing in its environment.
- Change the position and size of the desktop video to best fit your television screen.
- Enable full screen video mirroring.

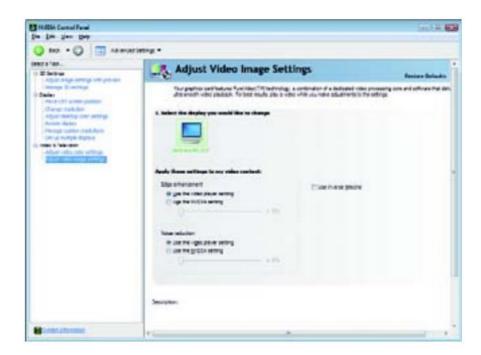
Adjust Video Color Settings

- Use the controls on this page to fine tune the color settings for video content on your display.
- Select one of the test images to monitor your changes. For best results, play a video while you make adjustments to view the changes as they happen.



Adjust Video Image Settings

Use the controls on this page to fine tune the image settings for video content on your display. You can choose to use inverse telecine, adjust edge sharpness, or apply noise filtering. For best results, play a video while you make adjustment to view the changes as they happen.



Note: Support for some features under Windows Vista is in development and may not be available with your ForceWare graphics driver version. Consult the release notes for updated information on supported features.

Troubleshooting Tips

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

- Check that the card is seated properly in the PCI Express x16 slot.
- Ensure that the display cable is securely fastened to the card's display connector.
- Make sure that the monitor and computer are plugged in and receiving power.
- If necessary, disable any built-in graphics capabilities on your motherboard. For more information, consult your computer's manual or manufacturer.
 - (NOTE: Some manufacturers do not allow the built-in graphics to be disabled or to become the secondary display.)
- Make sure you selected the appropriate display device and graphics card when you install the graphics driver.
- Restart your computer.
- Press <F8> on your keyboard after system starts up. When the Windows Advanced Options Menu appears, select Safe Mode and press <Enter>.
- After getting into Safe Mode, in Device Manager check whether the driver for the graphics card is correct.
- For more assistance, use the Troubleshooting Guide located in the Windows Help or contact your computer manufacturer.
- If you are not able to find the desired monitor color/resolution settings:
- The color and screen resolution options available for selection depend on the graphics card being installed.
- If necessary, adjust your monitor's setting using monitor's adjust panel to make the screen look focused, crisp, and sharp. (Please refer to the monitor's manual.)

Appendix

How to Reflash the BIOS in MS-DOS Mode

- 1. Extract the downloaded Zip file to your hard disk(s) or floppy disk. This procedure assumes drive A.
- 2. Restart the computer in MS-DOS mode. (You may need a startup disk to restart the computer in MS-DOS mode.)
- 3. Change the command prompt to A:\>.
- 4. To back up the current BIOS, at the A:\> prompt, type[BIOS flash utility name] -s [BIOS file name] (example: gvf19 -s N94TOGI.f1) and press Enter.
- 5. To flash BIOS, at the A:\> prompt, type[BIOS flash utility name] -p [BIOS file name] (example: gvf19 -p N94TOGI.f2) and press Enter.
- 6. Wait until it's done, then restart your computer.

Resolutions and Color Depth Tables

GeForce 9400 GT Single Display Standard Modes

Display	Refresh	Color Depth (bpp)		
Screen	Rate	8bpp(256 color)	16bpp(65K color)	32bpp(16.7M)
Resolution	(Hz)	Standard mode	High mode	True mode
320 x 200	60~75	✓	V	✓
320 x 240	60~75	✓	✓	✓
400 x 300	60~75	✓	✓	V
480 x 360	60~75	✓	✓	✓
512 x 384	60~75	√	✓	V
640 x 400 (16:10)	60~75	✓	✓	✓
640 x 480	60~240	✓	✓	✓
720 x 480	60	✓	✓	✓
720 x 576	50~60	√	✓	√
800 x 600	60~240	✓	✓	✓
848 x 480	60~240	✓	✓	✓
960 x 600 (16:10)	60~240	√	✓	✓
1024 x 768	60~200	✓	✓	V
	240	✓	✓	X
1088 x 612 (16:9)	60~200	√	✓	V
	240	✓	✓	X
1152 x 864	60~170	✓		✓
1132 X 004	200	1	✓	X
1280 x 720 (16:9)	60~150	✓	√	<u> </u>
1200 X 720 (10.5)	170	✓	·	X
1280 x 768	60~150	<u> </u>		<u> </u>
1200 X 700	170	✓	✓	X
1280 x 800	60~150	✓	✓	<u> </u>
1200 X 000	170	✓	✓	X
1280 x 960	60~150			×
1200 X 300	170	✓	✓	X
1280 x 1024	60~150	<u> </u>	·	×
1200 X 1024	170	·	·	X
1360 x 768	60~150		<u></u>	~
1300 X 700	170	<u> </u>	·	X
1600 x 900 (16:9)	60~120			~
1000 X 900 (10.9)	140~150	V	V	X
1600 x 1024	60~100	→	·	^
1000 X 1024	120	<u></u>	¥	X
D: 1	7.0000		• • • • • • • • • • • • • • • • • • • •	^
Display	Refresh	Color Depth (bpp)	404 4054	
Screen	Rate	8bpp(256 color)	16bpp(65K color)	32bpp(16.7M)
Resolution	(Hz)	Standard mode	High mode	True mode
1600 x 1200	60~100	✓	~	~
	120	✓	✓	X
1920 x 1080 (16:9)	60~85	✓	~	~
NAME OF TAXABLE PARTY.	100	✓	✓	X
1920 x 1200 (16:10) 60~85		✓	✓	~
	100	✓	✓	X
1920 x 1440	60~85	✓	✓	✓
2048 x 1536	60~85	✓	✓	✓
2560 x 1600	60	✓	✓	~
(Dual-Link)				

^{*} This table is for reference only. The actual resolutions supported depend on the monitor you use.

Regulatory Statements

Regulatory Notices

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to a third party nor be used for any unauthorized purpose. Contravention will be prosecuted. We believe that the information contained herein was accurate in all respects at the time of printing. GIGABYTE cannot, however, assume any responsibility for errors or omissions in this text. Also, note that the information in this document is subject to change without notice and should not be construed as a commitment by GIGABYTE.

Our Commitment to Preserving the Environment

In addition to high-efficiency performance, all GIGABYTE motherboards fulfill European Union regulations for RoHS (Restriction of Certain Hazardous Substances in Electrical and Electronic Equipment) and WEEE (Waste Electrical and Electronic Equipment) environmental directives, as well as most major worldwide safety requirements. To prevent the release of harmful substances into the environment and to maximize the use of our natural resources, GIGABYTE provides the following information on how you can responsibly recycle or reuse most of the materials in your "end-of-life" product.

Restriction of Hazardous Substances (RoHS) Directive Statement

GIGABYTE products are not intended to add and be safe from hazardous substances (Cd, Pb, Hg, Cr+6, PBDE, and PBB). The parts and components have been carefully selected to meet RoHS requirements. Moreover, we at GIGABYTE are continuing our efforts to develop products that do not use internationally banned toxic chemicals.

Waste Electrical & Electronic Equipment (WEEE) Directive Statement

GIGABYTE will fulfill the national laws as interpreted from the 2002/96/EC WEEE (Waste Electrical and Electronic Equipment) directive. The WEEE Directive specifies the treatment, collection, recycling, and disposal of electric and electronic devices and their components. Under the Directive, used equipment must be marked, collected separately, and disposed of properly.

WEEE Symbol Statement

The symbol shown below is on the product or on its packaging, which indicates that this product must not be disposed of with other waste. Instead, the device should be taken to the waste collection centers for activation of the treatment, collection, recycling and disposal procedure. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local government office, your household waste disposal service, or where you purchased the product for details of environmentally safe recycling.

- When your electrical or electronic equipment is no longer useful to you, "take it back" to your local or regional waste collection administration for recycling.
- If you need further assistance in recycling, or reusing your "end of life" product, you may contact us at the Customer Care number listed in your product's user's manual and we will be glad to help you with your effort.

Finally, we suggest that you practice other environmentally friendly actions by understanding and using the energy-saving features of this product (where applicable), recycling the inner and outer packaging (including shipping containers) this product was delivered in, and by disposing of or recycling used batteries properly. With your help, we can reduce the amount of natural resources needed to produce electrical and electronic equipment, minimize the use of landfills for the disposal of "end of life" products, and generally improve our quality of life by ensuring that potentially hazardous substances are not released into the environment and are disposed of properly.

Frequently Asked Questions

What is the Gigabyte GV-N94TOC-1GI Graphics Card?

The Gigabyte GV-N94TOC-1GI Graphics Card is a graphics accelerator card powered by the NVIDIA GeForce 9400 GT GPU, designed to enhance your computer's graphics performance.

What are the key features of the Gigabyte GV-N94TOC-1GI Graphics Card?

The key features include support for PCI Express 2.0, 1 GB GDDR2 memory, DirectX 10 support, multiple connectors (HDMI, D-Sub, Dual-Link DVI-I), and HDCP technology for content protection.

What are the minimum system requirements for installing the Gigabyte GV-N94TOC-1GI Graphics Card?

You'll need an Intel Pentium/Core 2 or AMD Athlon/Phenom CPU, 128 MB of system memory (2 GB recommended), an optical drive for software installation, and a 300-watt power supply.

How do I install the Gigabyte GV-N94TOC-1GI Graphics Card in my computer?

The installation process involves locating the PCI Express x16 slot, aligning the card, securing it with a screw, and connecting the display cable. Detailed instructions are provided in the user manual.

Can I connect multiple displays to the Gigabyte GV-N94TOC-1GI Graphics Card?

Yes, the card supports various display configurations, including CRT+HDMI, CRT+DVI, DVI+HDMI, and more.

What precautions should I take during hardware installation to avoid damage to the Gigabyte GV-N94TOC-1GI Graphics Card?

It's crucial to follow anti-static precautions, use a grounded wrist strap, and ensure that the card remains in its original packaging until installation.

Do I need to install specific drivers for the Gigabyte GV-N94TOC-1GI Graphics Card?

Yes, you should install the provided drivers from the included driver disk to ensure proper functionality.

What software do I need to have installed before installing the graphics card drivers?

Ensure that your system has DirectX 9 or a later version and the appropriate motherboard drivers installed before proceeding with the graphics card driver installation.

How do I adjust the GPU settings and performance of the Gigabyte GV-N94TOC-1GI Graphics Card?

You can use the included GIGABYTE Gamer HUD Lite utility to adjust GPU frequency, shader, and video memory settings. Be cautious with overclocking and overvoltage.

How can I access and configure display settings for the Gigabyte GV-N94TOC-1GI Graphics Card?

You can access display settings by right-clicking on the desktop, selecting Personalize, and then choosing Display Settings or using the NVIDIA Control Panel for advanced settings.

What is the purpose of the HDMI, D-Sub, and DVI connectors on the Gigabyte GV-N94TOC-1GI Graphics Card?

These connectors allow you to connect various types of monitors and displays to your graphics card, providing flexibility in your setup.

Can I use the Gigabyte GV-N94TOC-1GI Graphics Card with Windows Vista and Windows XP?

Yes, the graphics card is compatible with Windows Vista and Windows XP (with Service Pack 2 or XP Professional x64 Edition).

Download The PDF link: Gigabyte GV-N94TOC-1GI Graphics Card User Manual

References

• User Manual

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