

Declaration of Conformity

We, Manufacturer/Importer
(full address)

G.B.T. Technology, Inc., 17358 Railroad Street
Ausselberger Weg 41, 9F 20327 Hamburg, Germany

(description of the apparatus, system, installation to which it refers)
decide that the product

VGA Card

GV-R955256DP2

(reference to the specification with conformity is declared)
is in conformity with conformity is declared)
in accordance with 90/338 EEC EMC Directive

- | | | | |
|---|---|--|---|
| ☐ EN 55011 | Limits and methods of measurement of radio disturbance characteristics of industrial, scientific and medical (ISM) high frequency equipment | ☒ EN 61000-3-2 | Disturbances in supply systems caused by household appliances and similar electrical equipment "Voltage fluctuations" |
| ☐ EN 55013 | Limits and methods of measurement of radio disturbance characteristics of household electrical appliances and associated equipment | ☒ EN 55024 | Information Technology equipment immunity requirements |
| ☐ EN 55014-1 | Limits and methods of measurement of radio disturbance characteristics of portable tools and similar electrical apparatus | ☐ EN 50082-1 | Generic immunity standard Part 1: Radiated, electromagnetic and light intensity |
| ☐ EN 55015 | Limits and methods of measurement of radio disturbance characteristics of fluorescent lamps and luminaires | ☐ EN 50082-2 | Generic immunity standard Part 2: Industrial environment |
| ☐ EN 55020 | Immunity from radio interference of household appliances and associated equipment | ☐ EN 55014-2 | Immunity requirements for household appliances tools and similar apparatus |
| ☒ EN 55022 | Limits and methods of measurement of radio disturbance characteristics of information technology equipment | ☐ EN 50091-2 | EMC requirements for uninterruptible power systems (UPS) |
| ☐ DIN VDE 0885 Part 12 | Cabled distribution systems: Equipment for protection against electric shock from sound and television signals | | |

☒ CE marking



(EC conformity marking)

The manufacturer also declares the conformity of above mentioned product with the actual required safety standards in accordance with LVD 73/23 EEC

- | | | | |
|-----------------------------------|--|-------------------------------------|---|
| ☐ EN 60085 | Safety requirements for mains operated household and similar general use electrical appliances | ☐ EN 60950 | Safety for information technology equipment including electrical business equipment |
| ☐ EN 60335 | Safety of household and similar electrical appliances | ☐ EN 50091-1 | General and Safety requirements for uninterruptible power systems (UPS) |

Manufacturer/Importer

Signature: Jimmy Huang

(Stamp)

Date: Mar. 30, 2006

Name: Timmy Huang

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-R955256DP2

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 interference received, including that may cause undesired operation.

Representative Person's Name: ERIC LU

Signature: Eric Lu

Date: Mar. 30, 2006

Declaration of Conformity

(for access)

We, Manufacturer/Importer

G.B.T. Technology, Inc. d/b/a GBTech

Ausschleiger Weg 41, 4F 20537 Hamburg, Germany

(description of the apparatus, system, installation to which it refers)

decide that the product

VGA Card

GA-R955128D2

(reference to the specification with conformity is declared)

is in conformity with conformity is declared)

in accordance with 90/338 EEC EMC Directive

☐ EN 55011

Limits and methods of measurement of radio disturbance characteristics of industrial, scientific and medical (ISM) high frequency equipment

☒ EN 61000-3-2

Disturbances in supply systems caused by household appliances and similar electrical equipment "Voltage fluctuations"

☐ EN 55013

Limits and methods of measurement of radio disturbance characteristics of household electrical appliances and associated equipment

☒ EN 55024

Information Technology equipment immunity requirements - Limits and methods of measurement

☐ EN 55014-1

Limits and methods of measurement of radio disturbance characteristics of household electrical appliances, portable tools and similar electrical apparatus

☐ EN 50082-1

Generic immunity standard Part 1: Radiated, electromagnetic and gsm vicinity

☐ EN 50082-2

Generic immunity standard Part 2: Industrial environment

☐ EN 55015

Limits and methods of measurement of radio disturbance characteristics of fluorescent lamps and luminaires

☐ EN 55014-2

Immunity requirements for household appliances tools and similar apparatus

☐ EN 55020

Immunity from radio interference of household appliances and associated equipment

☐ EN 50091-2

EMC requirements for uninterruptible power systems (UPS)

☒ EN 55022

Limits and methods of measurement of radio disturbance characteristics of information technology equipment

☐ DIN VDE 0855

Cabled distribution systems: Equipment for data transmission from sound and television signals

☐ Part 12

☒ CE marking



(EC conformity marking)

The manufacturer also declares the conformity of above mentioned product with the actual required safety standards in accordance with LVD 7323 EEC

☐ EN 60065

Safety requirements for mains operated household and similar general use

☐ EN 60950

Safety for information technology equipment including electrical business equipment

☐ EN 60335

Safety of household and similar electrical appliances

☐ EN 50091-1

General and Safety requirements for uninterruptible power systems (UPS)

Manufacturer/Importer

Signature: Jimmy Huang

(Stamp)

Date: Apr. 12, 2006

Name: Timmy Huang

DECLARATION OF CONFORMITY

Per FCC Part 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-R955128D2

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 interference received, including that may cause undesired operation.

Representative Person's Name: ERIC LU

Signature: Eric Lu

Date: Apr. 12, 2006

Minimum System Requirements

- IBM® or 100% PC compatible with Pentium® III 650MHz or AMD Athlon 650MHz class processor or higher
- One available AGP 3.0 compliant slot or better
- Operating Systems Win® 2000 / Win® XP
- 64MB system memory
- 100MB of available disk space for full installation
- CD-ROM or DVD-ROM drive

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* The WEEE marking on the product indicates this product must not be disposed of with user's other household waste and must be handed over to a designated collection point for the recycling of waste electrical and electronic equipment!!

* The WEEE marking applies only in European Union's member states.

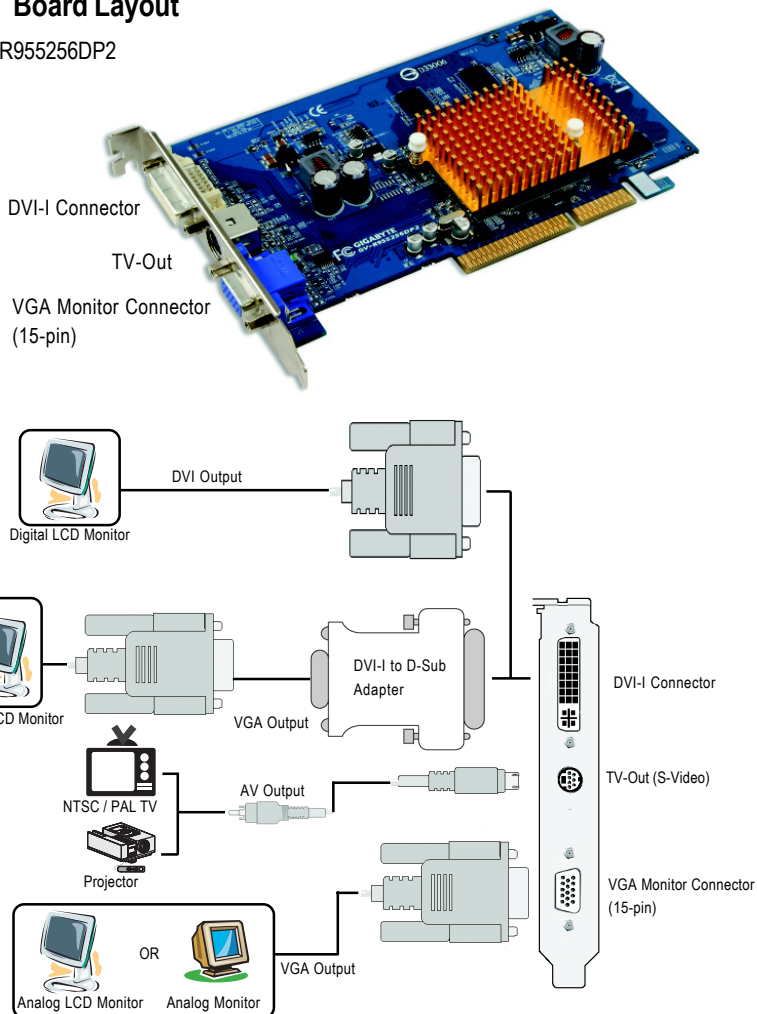
1. Introduction

1.1. Features

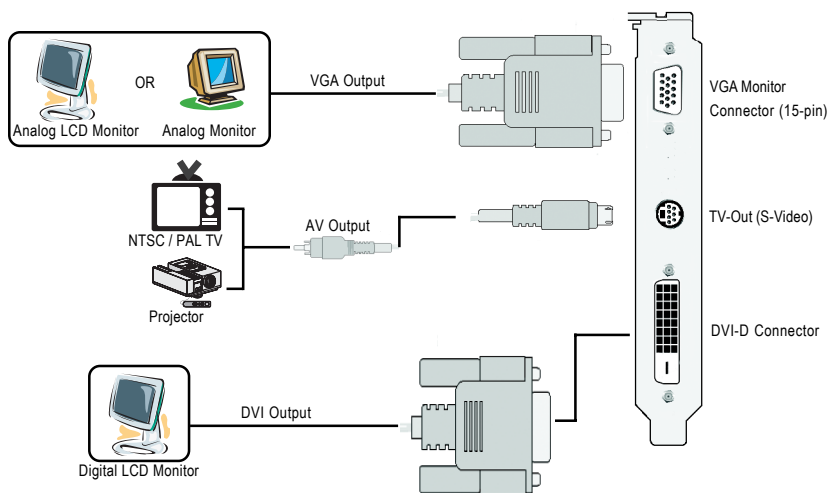
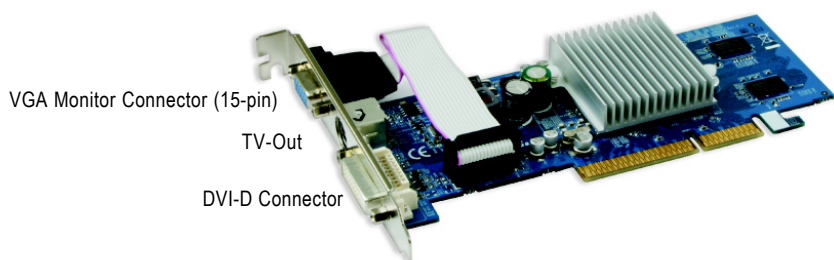
- Powered by ATI Radeon 9550 GPU
- Supports AGP 8X
- Supports Microsoft® DirectX® 9.0 and OpenGL® 1.5 feature sets
- Integrated with 256 MB GDDRII memory (For GV-R955256DP2 only)
- Integrated with 128 MB GDDRII memory (For GV-R955128D2 only)
- Supports TV-Out, D-Sub, and DVI connectors

1.2. Board Layout

(1) GV-R955256DP2



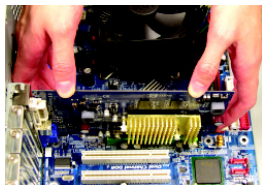
(2) GV-R955128D2



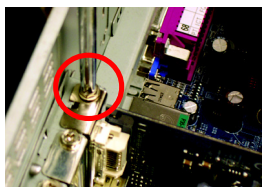
2. Hardware Installation

Installing your graphics card.

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



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



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



3. Plug the display cable into your card; then turn on the computer and monitor.

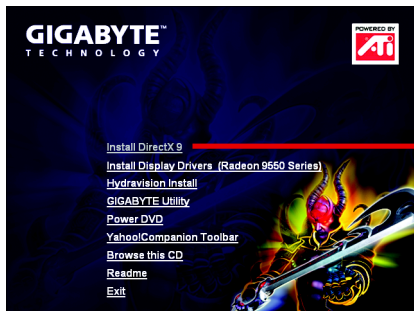
3. Software Installation

3.1. DirectX Installation

Install Microsoft DirectX to enable 3D hardware acceleration support for Windows® 2000/ Windows® XP to achieve better 3D performance.



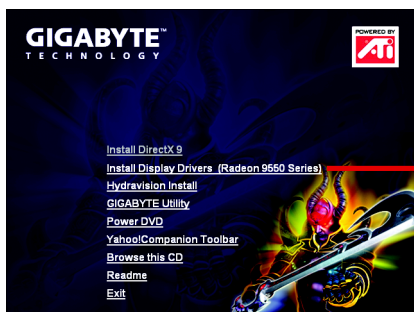
Note: For software MPEG support in Windows® 2000/ Windows® XP, you must install DirectX first. Users who run Windows XP with Service Pack 2 or above do not need to install DirectX separately.



When the Autorun window appears, click **Install DirectX 9**.

3.2. Driver Installation (Windows® XP/2000)

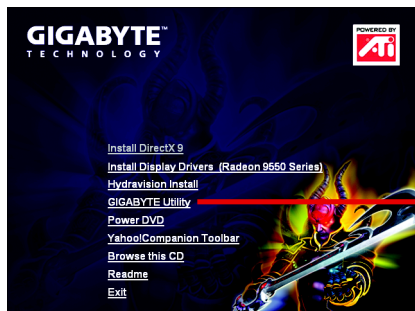
Insert the driver CD disk into your CD-ROM drive, and then the Autorun window appears. If it does not appear, please run SETUP.exe in the root directory of the driver CD disk (ex:D:\SETUP.exe).



Click **Install Display Drivers (Radeon 9550 Series)**.

3.3. V-Tuner 2 Installation

V-Tuner 2 monitors the working frequency of the graphics engine and video memory (Core Clock and Memory Clock).



Click **GIGABYTE Utility**.

Displays core clock status



Displays memory clock status

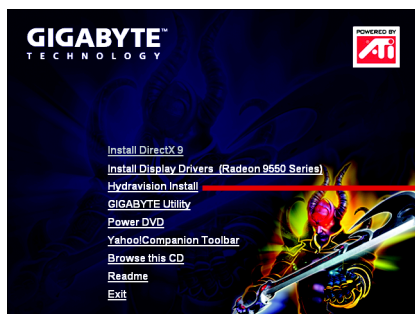
Select choice of skin

Open Help pages

3.4. HYDRAVISION™ Installation

HYDRAVISION™ and the Desktop Manager are activated whenever Windows® starts. Installing HYDRAVISION™ adds menu options to the ATI Icon.

Click on the ATI icon to access the application's features and help, or to unload the HYDRAVISION™ Desktop Manager.



Click **Hydravision Install**.

4. Appendix

4.1. BIOS Flash Utility

1. Please download the newest BIOS Zip file for your graphics card from GIGABYTE website.
The file includes a MS-DOS-based BIOS flash utility. Or contact your local dealer for the file.

4.2. How to Reflash BIOS in MS-DOS mode

1. Extract the downloaded Zip file to your hard disk or floppy disk. This procedure assumes drive A.
2. Restart the computer in MS-DOS mode. (For Windows 2000/XP, you 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: **gvf13 -s r955128d.f1**) and press **Enter**.
5. To flash BIOS, at the A:\> prompt, type [BIOS flash utility name] -p [BIOS file name] (example: **gvf13 -p r955128d.f2**) and press **Enter**.
6. Wait until it's done, then restart your computer.

4.3. Resolutions and Color Depth Table (In Windows® XP)

Display Screen Resolution	Max. Refresh Rate (Hz)	Color Depth		
		8bpp(256 color) Standard Mode	16bpp(65K color) High Mode	32bpp(16.7M) True Mode
640 x 480	200	✓	✓	✓
800 x 600	200	✓	✓	✓
1024 x 768	200	✓	✓	✓
1152 x 864	100	✓	✓	✓
1280 x 768	85	✓	✓	✓
1280 x 960	160	✓	✓	✓
1280 x 1024	120	✓	✓	✓
1600 x 1200	100	✓	✓	✓
1792 x 1344	85	✓	✓	✓
1800 x 1440	70	✓	✓	✓
1856 x 1392	75	✓	✓	✓
1920 x 1080	75	✓	✓	✓
1920 x 1200	85	✓	✓	✓
1920 x 1440	75	✓	✓	✓
2048 x 1536	66	✓	✓	✓

