

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
- 50MB of available disk space for full installation
- CD-ROM or DVD-ROM drive

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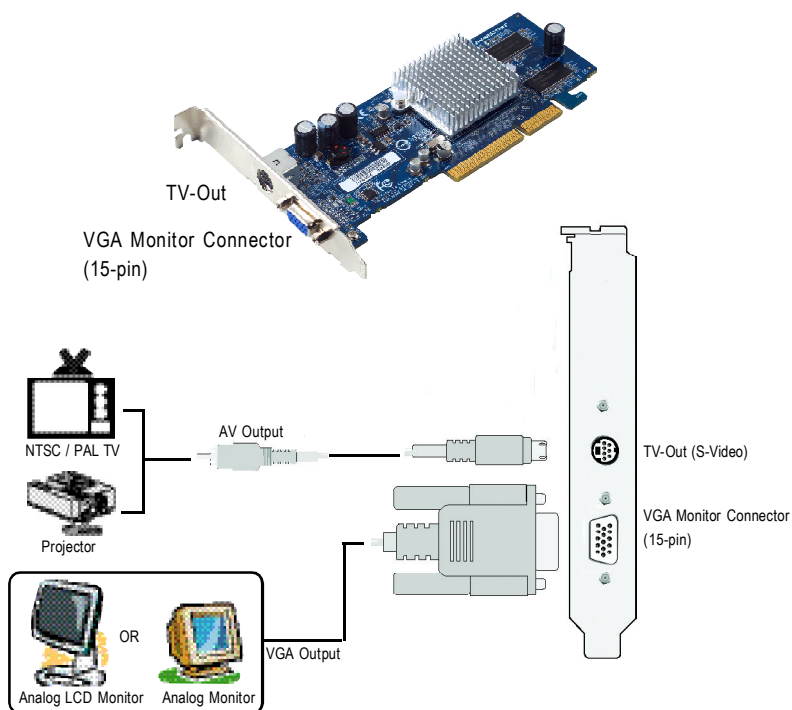
1. Introduction

1.1. Features

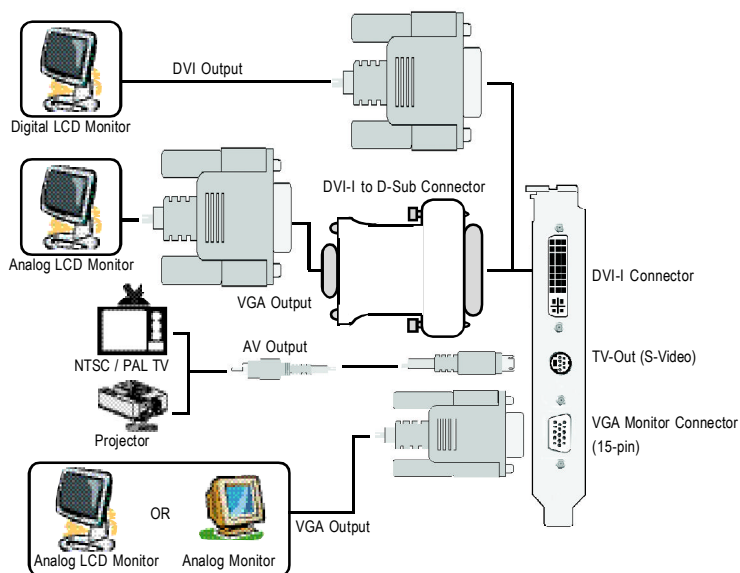
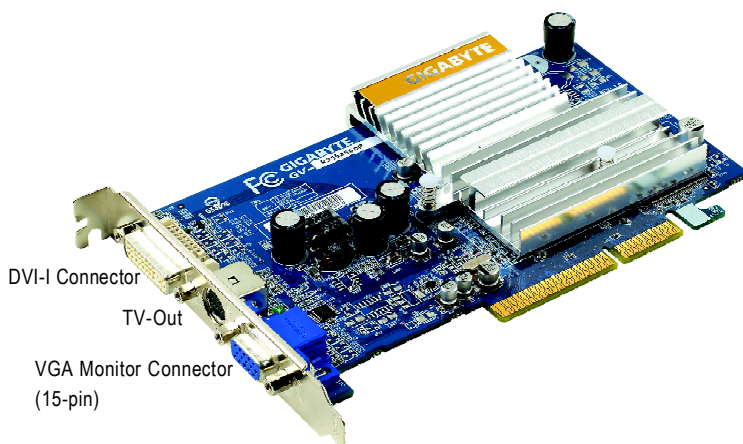
- Powered by ATI Radeon 9550 Visual Processing Unit (VPU)
- Supports AGP 8X
- Supports Microsoft® DirectX® 9.0 and OpenGL® 1.5 feature sets
- Integrated with 128 MB DDR memory (only for GV-R955128D/GV-R955128DE/GV-R955128T)
- Integrated with 256 MB DDR memory (only for GV-R955256D/GV-R955256DP)
- Supports TV-Out, D-Sub, and DVI-I (only for GV-R955128D/GV-R955256D/GV-R955256DP/GV-R955128DE) connectors

1.2. Board Layout

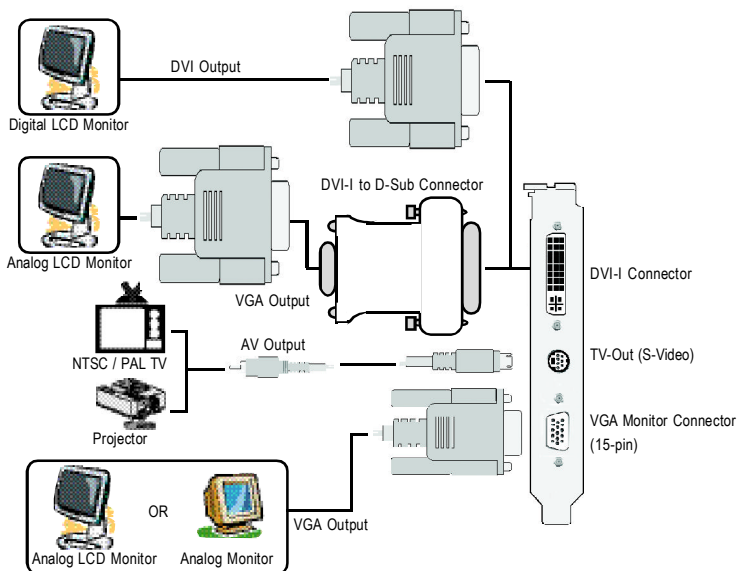
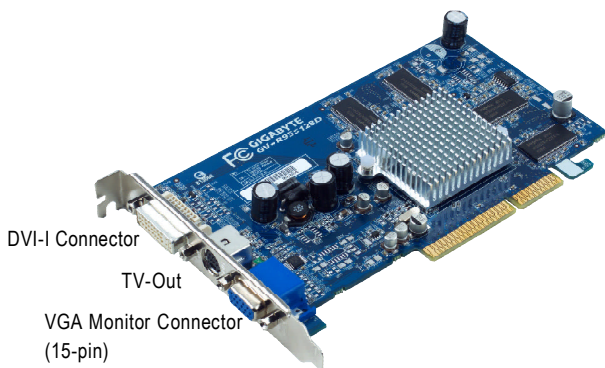
1. GV-R955128T



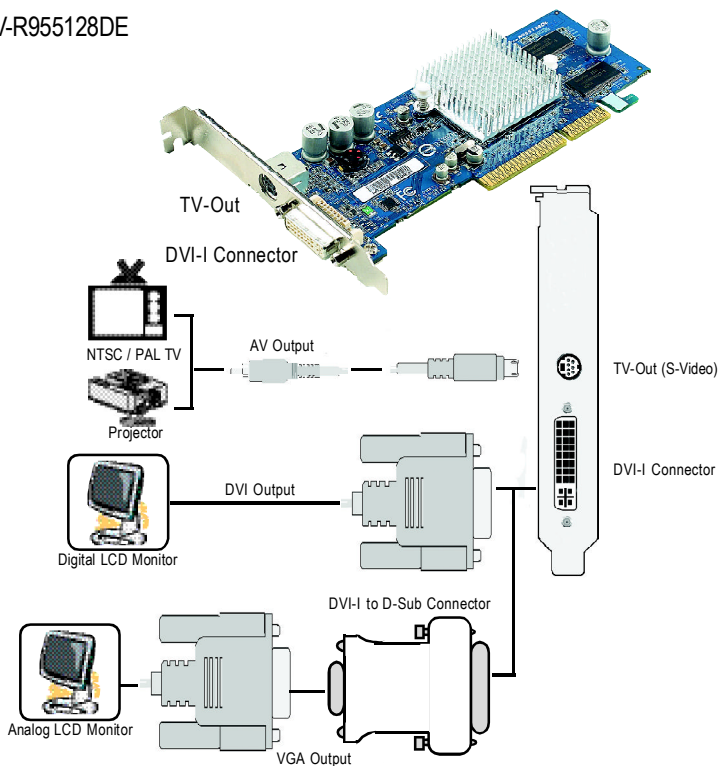
2. GV-R955256DP



3. GV-R955128D/GV-R955256D



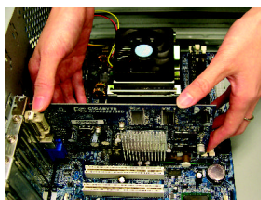
4. GV-R955128DE



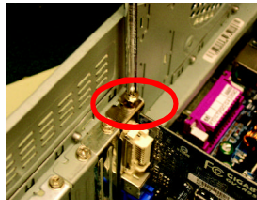
2. Hardware Installation

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



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

card with the AGP slot, and press it in firmly until it is fully seated.



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

3. Software Installation

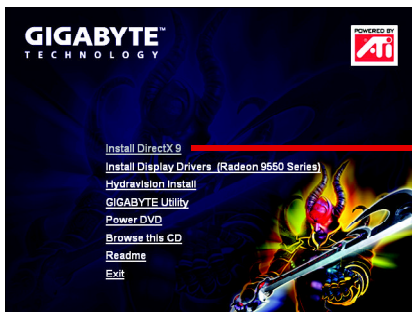
3.1. DirectX Installation

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



NOTE

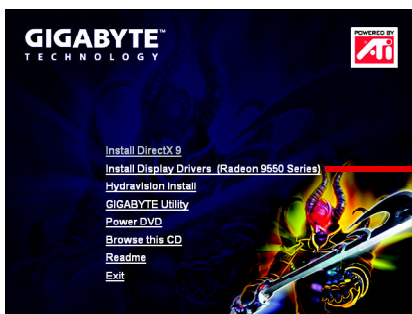
Note: For software MPEG support in Windows® 2000/ Windows® XP, you must install DirectX first. Users who run Windows XP with Service Pack 2 or above do not need to install DirectX separately.



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

3.2. Driver Installation (Windows® XP/2000)

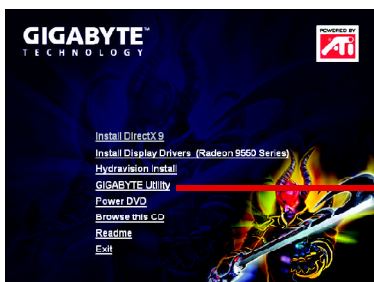
Insert the driver CD disk into your CD-ROM drive, and then the Autorun window appears. If it does not appear, please run SETUP.exe in the root directory of the driver CD disk (ex:D:\SETUP.exe).



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

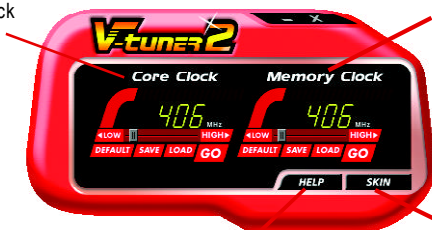
3.3. V-Tuner 2 Installation

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



Displays memory clock

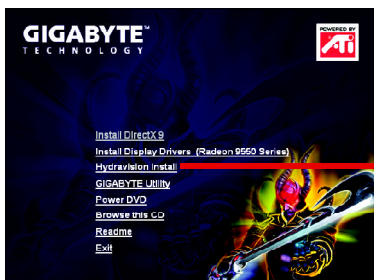
Open Help pages

Select choice of skin

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	Max. Refresh	Color Depth		
Screen	Rate	8bpp(256 color)	16bpp(65K color)	32bpp(16.7M)
Resolution	(Hz)	Standard Mode	High Mode	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	✓	✓	✓