# 3. Smart Installation

3.1 Put the Smart Installation CD in your CD-ROM



**3.2** Select the **language** for you. Then Select the **Driver installation** 

🂏 SmartInstall			×
Disc information	System information	Driver installation	Game installation
Display settings	Visit our website	Help	Exit
English		Peutsch) 中文 ①	Français 简体中文

**3.3** Click the **Confirm Installation...**button. Then Select the **OK** 

Confirm Installation		
System information Your operating system: Your video card: Your video chipset:	Windows 98 \$3 \$57	OK Cancel Help
Driver information Driver location:	d1Driverx83057Browse	

#### 3.4 Click the Driver Confirmation Then Select the Install

Driver Confirmation	
S3 Inc. ViRGE GX2	Install Cancel Help
S3 Inc. ViRGE GX2	
This driver is going to be installed onto your system. Click "Install" to accept or "Cancel" to quit the installation.	

3.5 Then restart your computer.

- 4. Windows 95 & Windows 98 Setup
- 4.1 Installation and Setup

# 4.1.1 Windows 95

The Windows setup program installs and modifies all of the necessary files. Follow these steps to install the Windows 95 driver.

- Insert the "Window 95 Driver" Installation Diskette or DISC (CD Title Driver).
- Select Control Panel from My Computer group.

🔔 M	ly Cor	nputer		_ 🗆 ×
<u>F</u> ile	<u>E</u> dit	⊻iew	<u>H</u> elp	
і 3½ F	loppy	(A:)	(C:)	
Cd	30 (D	:) 🚺	78 Introl Panel	l –
, 1 obj	ect(s) s	selected	ł	

• Select the **Display** icon

🔯 Control P	anel	
<u>E</u> ile <u>E</u> dit ⊻i	ew <u>H</u> elp	
	B	-
Add/Remove Programs	Date/Time	Display
2	Ś	<u>62</u>
Modems	Mouse	Multimedia
<b>"</b>	<b>,</b>	- <b>(</b>
Changes settin	gs for your displ	ay. //

- Double-click on the Display icon in the Setting -> Control Panel folder. You can also
  click the right mouse button anywhere on the desktop and select the Properties option
  form the pop-out menu.
- Click the Settings tab.

Display Properties	? ×
Background   Screen Saver   Appea	rance Settings
Color palette	Less More 640 by 480 pixels
Eont size Small Fonts	Custom
	Change Display <u>Type</u>
C	IK Cancel Apply

• Click the **Change** Display Type... button.

Change Display	Гуре	? ×
Adapter Type		
S3 Inc. ViRGE	PCI	C <u>h</u> ange
Manufacturer:	\$3	
Version:	4.0	
Current Files:	s3_3.drv,*vdd,*vflatd,s3vdd2.vxd	
<u>M</u> onitor Type		
(Unknown Mon	itor)	Cha <u>ng</u> e
Monitor is <u>E</u> r	nergy Star compliant	
		Cancel

• Click the Have Disk button.

Select D	evice X		
	Display adapters: The following models are compatible with your hardware. Click the one you want to set up, and then click DK. If your model is not on the list, click Show All Devices. If you have an installation disk for this device, click Have Disk.		
Modeļs:			
💷 S31	nc. VIRGE PCI		
Show	v compatible devices		
C Show	v ⊴ll devices		
	DK Cancel		

Change directories and Select S3 ViRGE.INF.

Diskette is Å: or B:\ WIN95 , Disc (CD Title) is E:\drivers\S3\357\WIN95 ("A:" or "B:"→ Diskette Drive "E:"→CD Drive "357"→VGA type)

Open		? ×
File game: s3virge.inf s3virge.inf	Eolders: a:\win95	OK Cancel
	Dri <u>v</u> es: a:	-

- Select S3 Trio64 V2 PCI or S3 ViRGE PCI driver form the list and click the OK button. If a message stating that one or more driver files is older than the files on the system respond YES to overwrite the files.
- Click the Close button and Apply button, and restart your computer.

### 4.1.2 Windows 98

• Select Control Panel from My Computer group.



Select the **Display** icon

Display Properties Background Screen Sav	r7   x er   Appearance   Effects   Web   Settings   
Wallpaper Select an HTML Docur	ment or a picture:
(None) 1stboot Black Thatch Blue Rivets Bubbles	Browse      Battern      Display:      Denter
	OK Cancel Apply

- Double-click on the Display icon in the Setting -> Control Panel folder. You can also click the right mouse button anywhere on the desktop and select the Properties option form the pop-out menu.
- Click the Settings tab.



 Then show [Unknown Device.] Properties tab Select Adapter

(Unknown Device) Properties
General Adapter Performance
Display Fort Size: Small Fonts Normal size (96 dpi) Show gettings icon on task bar
Compatibility Some programs operate improperly if you do not restart your computer after you change color settings: After I change color settings: Bestart the computer before applying the new color settings. Apply the new color settings without restarting. Apply the new color settings without restarting.
OK Cancel Apply

• Then show Standard PCI Graphics.... tab Select Change

Standard PCI Graphics	Adapter (VGA) Properties	? ×
General Adapter Moni	tor   Performance   Color Mana	igement
Standard PCI 0	àraphics Adapter (VGA)	Change
Adapter / Driver inform	(Chandrad display types)	
Manuracturer:	(standard display types)	
Current files:	4.0 Vga dru švdd	
Current nes.	vga.arv, vaa	
	OK Can	cel Apply

• Then show Update Device .... tab Select Next

Update Device Driver Wizard		
Update Device Driver V	Vizard This wizard searches for updated drivers for: Standard PCI Graphics Adapter (VGA) A device driver is a software program that makes a hardware device work. Upgrading to a newer version of a device driver may improve the performance of your hardware device or add functionality.	
	<back next=""> Cancel</back>	

• Then show Update Device .... tab Select Search for a better..... Then select Next.

Update Device Driver W	/izard
	What do you want Windows to do?   Search for a better driver than the one your device is using now. (Recommended)  Displey a list of all the drivers in a specific location, so you can select the driver you want.
	< Back Next > Cancel

 Then show Update Device .... tab If the Specify a location is wrong Please select Brows

Update Device Driver V	√izard
	Windows will search for updated drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search.         Floppy disk drives         CD-ROM drive
	< <u>B</u> ack Next≻ Cancel

 Then show Browse for Folder tab Select D:\Drivers\S3\260\Win98 Then select OK

Browse for Folder	? ×
Select the folder that contains driver information (.INF file) for this device.	or
🖻 🚔 Htcdv1 5(D:)	•
📄 🧰 Drivers	
😟 😥 💼 3dfx	
主 💼 Intel	
📄 📄 💼 S3	
⊨ 260	
💼 Nt40	
Os2	
Win98	
⊡ 325	
i i i i i i i i i i i i i i i i i i i	<u> </u>
OK Cancel	

 Then show Update Device Driver Wizard tab Select CD-ROM driver Click the Specify a locator, if right Then select Next

Update Device Driver	Wizard			
	Windows will search for updated drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search.			
	Eloppy disk drives			
	CD-ROM drive			
	Microsoft Windows Update			
	Specify a location:			
	D:\DRIVERS\S3\260\WIN98			
	Browse			
	< Back Next > Cancel			

• Then show Update Device Driver Wizard tab Select Next

Update Device Driver W	/izard
	Windows driver file search for the device: S3 Inc. VIRGE/MX Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue. Location of driver: D:\DRIVERS\S3\260\WIN98\S3VMX.INF
	< <u>B</u> ack Next> Cancel

• Then show Update Device Driver Wizard tab Select Finish



• Then show System Settings Change tab Select OK



# 4.2 How to Change Color Depth and Resolution

- 1 Make sure that you have installed the **WINDOWS95** Driver.
- 2. Click on the **Start** box in the lower left corner and proceed to **Control Panel**.
- 3. Inside the **Control panel** group , click on **Display** icon to open the **Display Properties** folder and select the **Setting table**
- Click on the pull-down arrow from the Color palette area to select color depth or adjust the sliding bar to either Less or More from the Desktop area
- 5. Select **OK** to restart **WINDOWS95** and new color depth or the new resolution takes effect.

Display Properties Background Screen Saver Appeara	? × nce S3 Refresh Settings
Color palette	Desktop area
	640 by 480 pixels
Eont size	
Small Fonts	← C <u>u</u> stom
	Change Display <u>T</u> ype
10	Cancel Apply

### 4.3 Change Refresh Rate

- 1. Make sure that you have installed the **WINDOWS95** Driver. Click on the **Start** box in the lower left corner and proceed to Setting, **Control Panel**
- 2. Inside the **Control panel** group , click on **Display** icon to open the **Display Properties** folder and select the **S3 Refresh table**
- 3. Click on the Change Configuration to change refresh rate
- 4. Select **OK** and new refresh rate takes effect

Display Properties			? ×
Background Screen Sav	er Appearance	S3 Refresh Sett	ings]
640x480	Optimal	<b>v</b>	
800×600	Optimal	7	
1024+768	Ontimal	<b>T</b>	
10244100			
1280x1024	Optimal	7	
1600×1200	Optimal	7	
	Change Configu	ration	
	Or		Apply
	UK	Cancel	SHOA

- Refresh Rate default is Optimal.
- If you change Refresh Rate from Optimal to another , you must be to restart WINDOWS 95

# 5. Windows NT 3.51, 4.0

The following steps describe how to install WIN NT 3.51 and 4.0 display drivers

- 1. Select **Control Panel** from the **Main** group.
- 2. Select the Display icon.
- 3. Select Change Display Type.
- 4. Select Change from the Adapter Type area.
- 5. Select Other.
- 6. Place the **Windows NT** Installation Disk or Disc (CD Title) into Driver. Click **OK**.
- 7. Select Install and click "YES" when the Installing Driver dialog box appears.
- 8. When the WINDOWS NT Setup dialog box appears select driver A or CD- ROM, and click "Continue".

A message appears stating that drivers were successfully installed. Click **OK**. Another message appears stating that the driver could not be restarted dynamically. Restart **Windows NT** to run the new driver. Click **OK**.

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