

**Chapter 5**

**SIS® 5597/5598 VGA DRIVER**

**1. Overview**

The SiS®5597/5598 on-chip VGA integrates 2D Graphic/Video accelerator. It's 2D performance produced compelling interactive multimedia. It is also designed for high-quality MPEG/video playback to users.

**1.1 System Requirements**

This section describes system requirements for the SiS®5597/5598 VGA Driver installation and Usage.

<b>Computer</b>	90MHz Pentium®processor or above
<b>Monitor</b>	VGA Support, minimum 640x480 resolution
<b>Operating system</b>	DOS®5.0 or higher, Windows®95, Windows®NT 3.51 or 4.0, or OS/2®
<b>CD-ROM</b>	Double Speed or Higher
<b>Chipset</b>	SiS®5597/5598
<b>VGA BIOS</b>	Version 1.01 or Higher

**1.2 CD-ROM Contents**

Includes the following files and sub-directories:

<b>README.TXT</b>	Installation and User's Guide.
<b>RELEASE.TXT</b>	Always read the driver release note.
<b>MM&lt;DIR&gt;</b>	SISTAG, RELEASE.TXT, BIOS<DIR>, DOS<DIR>, ADI42<DIR>, ET<DIR>, OS2<DIR>, WIN95<DIR>, and WINNT<DIR>

## 2. SiS® 5597/5598 VGA Driver Setup & Usage Procedures

Insert the MS-5150 CD into your CD-ROM drive. This CD will auto-run. This will display installation for VGA driver, Sound driver, and Network driver. Also included are Norton® Antivirus and LDCM (optional). Just click the button for automatic installation for VGA driver.

### 2.1 Windows® 95

#### 2.1-1 Display Driver Installation Procedure:

- Step 1:** Click **Start** menu and select **Control Panel** from **Settings** group.
- Step 2:** Select **Display** icon.
- Step 3:** Select **Settings** index in the display properties sheet.
- Step 4:** Select **Change Display Type** button.
- Step 5:** Select **Change...** button in **Adapter Type** group.
- Step 6:** Select **Have Disk** button.
- Step 7:** Insert the **SiS® 5597/5598 CD-Title Disk** into CD-ROM Drive.
- Step 8:** When the Install from Disk dialog box appears, look for your CD-ROM drive and type: **\\MM\\WIN95**.
- Step 9:** When the **Change Display** dialog box appears, click **Close**.
- Step 10:** Select **Close** or **Apply** button from display properties sheet.
- Step 11:** A message will appear stating you must restart the Windows® 95 system, select **yes** to restart.
- Step 12:** After restarting, Windows® 95 will run on 640x480x256 color, 75NI.

**2.1-2 Changing resolution, color depth, and refresh rate:**

- Step 1:** Click **Start** menu and select **Control Panel** from **Settings** group.
- Step 2:** Select **Display** icon.
- Step 3:** Select **Settings**.
- Step 4:** Select Color Palette to change between 16 color, 256 color, Hi color, or True color.
- Step 5:** To select desktop resolution from 640x480, 800x600, 1024x768, and 1280x1024.
- Step 6:** Select Refresh rate list box to change the screen refresh rate.
- Step 7:** Click OK or Apply.

**2.1-3 Windows®95 Utility Installation:**

- Step 1:** Place the SiS®5597/5598 Cd-Title Disk into the CD-ROM drive.
- Step 2:** Click **Start** menu and select **Run...** menu item.
- Step 3:** In Run dialog, typing the source execution file then press OK. The execution file in CD-Title is at CD\_ROM Drive:\MM\WIN95\SETUP.exe.
- Step 4:** Setup procedure will create a “SiS Multimedia Vx.xx” program group.  
This will contain 3 items:  
- Multimedia Manager  
- SiS®MMPlayer  
- Center Screen
- Step 5:** A setup successful dialog will appear when setup is complete, user can choose to restart the system now or later.

## 2.2 Windows® NT 4.0

### 2.2-1 Display Driver Installation Procedure:

- Step 1:** Click **Start** menu and select **Control Panel** from **Settings** group.
- Step 2:** Select **Display** icon.
- Step 3:** Select **Settings** on the Display Properties.
- Step 4:** Select **Display Type**.
- Step 5:** Select **Change** from the **Adapter Type** Area.
- Step 6:** Select **Have Disk** of Change Display.
- Step 7:** Insert the **SiS® 5597/5598 CD-Title Disk** into CD-ROM Drive.
- Step 8:** When the Install from Disk dialog box appears, look for your CD-ROM drive :**\\MM\\WINNT\\WINNT4.0**.
- Step 9:** When the **Change Display** dialog box appears, click **OK**.
- Step 10:** When the Third-party Drivers dialog box appears, click **Yes**  
A message will appear stating that the drivers were successfully installed. Click OK. You must now restart your system.

### 2.2-2 Changing resolution, color depth, and refresh rate:

- Step 1:** Click **Start** menu and select **Control Panel** from **Settings** group.
- Step 2:** Select **Display** icon.
- Step 3:** Select **Settings**.
- Step 4:** Select Color Palette to change between 16 color, 256 color, 32768 colors, 65536 colors, and 16777216 colors.
- Step 5:** To select desktop resolution size, go to the Desktop area and use the slide bar to change resolution from 640x480, 800x600, 1024x768, to 1280x1024.
- Step 6:** Select **Test** to test the resolution. If the display test screen is good, then select Yes when the Testing Mode dialog box appears. If the display test screen is bad, then select No. Windows®NT will give you an error message.
- Step 7:** Click OK. If you selected Yes, Windows®NT 4.0 will change the mode without restarting.
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## 2.3 IBM® OS/2® Warp 3.0 (Double Byte Character)

### 2.3-1 Display Driver Installation Procedure:

- Step 1:** Before installing SiS® OS/2® Warp display driver, start up OS/2® system in standard VGA mode.
- Step 2:** Select **Command Prompt** folder.
- Step 3:** Select **OS/2® window** or **OS/2® full screen** icon.
- Step 4:** Place the SiS® 5597/5598 CD-Title Disk into the CD-ROM Drive.
- Step 5:** Change directory to CD-ROM drive:\MM\OS2\DBCS.30.
- Step 6:** Type **SETUP** then press **ENTER**.
- Step 7:** Setup procedure will create a **SiS® Install** icon on the desktop.
- Step 8:** Shutdown and reboot the OS/2® Warp system.
- Step 9:** When system reboot, double click the **SiS® Install** icon. It will perform the further installation.
- Step 10:** When the **Select Screen Parameters for SiS® SVGA** dialog appears, select the resolution, color depth and frame rate you would like, then click **OK**.
- Step 11:** The installation program will create a **SiS® Setup** icon at the desktop.
- Step 12:** Shutdown and re-boot OS/2® Warp.

## 2.4 IBM® OS/2® Warp 3.0 (Single Byte Character)

### 2.4-1 Display Driver Installation Procedure:

- Step 1:** Before installing SiS® OS/2® Warp display driver, start up OS/2® system in standard VGA mode.
- Step 2:** Select **Command Prompt** folder.
- Step 3:** Select **OS/2® window** or **OS/2® full screen** icon.
- Step 4:** Place the SiS® 5597/5598 CD-Title Disk into the CD-ROM Drive.
- Step 5:** Change directory to CD-ROM drive:\MM\OS2\SBCS.30.
- Step 6:** Type **SISINST** then press **ENTER**.
- Step 7:** When the **Select Screen Parameters for SiS® SVGA** dialog appears, select the resolution, color depth and frame rate you would like, then click **OK**.
- Step 8:** The installation program will create a **SiS® Setup** icon at the desktop.
- Step 9:** Shutdown and re-boot OS/2® Warp.