




Adjustment

To adjust the screen position

- 1 Click here  to view Display properties.
- 2 Click the Advanced button, then click the ATI Adjustment tab.
- 3 Click one of the four Position arrows in the Adjustment box to change your screen position.

The four Position arrows shift your display left, right, up, or down.

Notes

- Under Size, the up and down arrows increase/decrease the vertical size of your display. The left and right arrows increase/decrease the horizontal size of the display.
- The Position and Size controls are not available when you have LCD selected in the Display Device menu.

{button ,AL(`adjusting')}} [Related Topics](#)

■ Adjustment

To adjust the screen size

- 1 Click here ■ to view Display properties.
- 2 Click the Advanced button, then click the ATI Adjustment tab.
- 3 Click one of the four Size arrows in the Adjustment box to change your screen size.
The four Size arrows increase or decrease the vertical and horizontal size of your display.

Notes

- Under Position, the four arrows shift your display left, right, up, or down.
- The Position and Size controls are not available when you have LCD selected in the Display Device menu.

{button ,AL(`adjusting')} [Related Topics](#)

■ **Adjustment**

To adjust the horizontal and vertical frequencies

- 1 Click here ■ to view Display properties.
- 2 Click the Advanced button, then click the ATI Adjustment tab.
- 3 Click the Size arrows in the Adjustment box to change the horizontal and vertical frequencies.
 - Clicking the left and right arrows increases/decreases the horizontal frequency.
 - Clicking the up and down arrows increases/decreases the vertical frequency.

Notes

- The Frequencies box displays the current horizontal and vertical frequencies.
- The Size control is not available when your Display Device is a flat panel display.

{button ,AL(`adjusting')} [Related Topics](#)

■ Adjustment

To adjust the synchronization

- 1 Click here ■ to view Display properties.
- 2 Click the Advanced button, then click the ATI Adjustment tab.
- 3 In the Synchronization box, click the Horizontal or Vertical buttons to toggle synchronization between positive and negative.

Note

- If your Display Device is a flat panel display, the Synchronization controls are not available.

{button ,AL(`adjusting')} [Related Topics](#)

■ Adjustment

To adjust the refresh rate of your monitor

- 1 Click here ■ to view Display properties.
- 2 Click the Advanced button, then click the ATI Adjustment tab.
- 3 Click the Change Refresh... button.
- 4 In the Change Refresh Rates list, choose the refresh rate that you want to use.

Notes

- To display all the monitor refresh rates that the current graphics accelerator can use, click Show all refresh rates.
- You can also change the refresh rate on the Adapter page, using the Refresh rate pull-down menu, but this should be reserved for monitors that are **not** connected to ATI hardware.
- If “Television” is selected as a display device on the Settings page, the Change Refresh button is disabled (TV refresh rates cannot be adjusted).
- For computers that have a flat panel display but do not have an external monitor connected, the Change Refresh button is disabled. To fine-tune your flat panel display, click the Advanced button.

WARNING
Consult your monitor user's manual before adjusting refresh rates. Applying the wrong refresh rate may seriously damage your monitor.

{button ,AL(`adjusting`)} [Related Topics](#)

■ Adjustment

To display Test Patterns

- 1 Click here ■ to view Display properties.
- 2 Click the Advanced button, then click the ATI Adjustment tab.
- 3 Click the screen icon.

Each time you click the screen icon, one of six different test patterns are displayed.

{button ,AL(`adjusting')} [Related Topics](#)

■ Adjustment

To reset your display to default or factory settings

- 1 Click here ■ to view Display properties.
- 2 Click the Advanced button, then click the ATI Adjustment tab.
- 3 Click the Defaults... button.
- 4 Click one of the following selections:
 - restore the settings that Windows recommends
 - reset the settings to factory defaults

{button ,AL(`adjusting')} [Related Topics](#)

■ Adjustment

To adjust a Flat Panel Display (FPD)

- 1 Click here ■ to view Display properties.
- 2 Click the Advanced button, then click the ATI Adjustment tab.
- 3 Select LCD from the Display Device menu.
- 4 Click the Scale image to panel size checkbox.

Notes

- When you enable this checkbox, your display will be expanded to the fixed number of pixels in your flat panel display. For example, if you are displaying 320 x 200 mode on an 800 x 600 flat panel display, then the display will be expanded to 800 x 600.
- The Position and Size controls are not available when you have LCD selected in the Display Device menu.
- Your screen resolution and color depth can only be changed in the Settings page.

{button ,AL(`laptop')} [Related Topics](#)

■ Color

To recall a saved color correction scheme

- 1 Click here ■ to view Display properties.
- 2 Click the Advanced button, then click the ATI Color tab.
- 3 In the list in the Scheme area, click the [color correction](#) scheme you want to recall.
The properties on the color correction page are now set to the selected scheme's properties.
- 4 Click either OK or Apply to enable the selected scheme's properties.

{button ,AL(`color`)} [Related Topics](#)

■ Color


To load a new color correction bitmap

- 1 Click here ■ to view Display properties.
- 2 Click the Advanced button, then click the ATI Color tab.
- 3 Click Load Bitmap...
- 4 To open a bitmap file, enter the filename and click Open, or double-click its icon.

Note

- Only simple bitmap (.bmp) files are supported.

Tips

- To switch back to the previous folder, click  on the toolbar.
- To see the hierarchy of all drives on your computer, click in the Look in box.

{button ,AL(`color`)} [Related Topics](#)

■ Color

To save a color correction scheme

- 1 Click here ■ to view Display properties.
- 2 Click the Advanced button, then click the ATI Color tab.
- 3 Click Save As...
The Save Scheme dialog box opens.
- 4 Enter the name for your color scheme, then click OK.
The name you select appears in the Scheme list.

{button ,AL(`color')} [Related Topics](#)

■ Color

To delete a color correction scheme

- 1 Click here ■ to view Display properties.
- 2 Click the Advanced button, then click the ATI Color tab.
- 3 In the list in the Scheme area, click the scheme you want to delete.
- 4 Click Delete.

{button ,AL(`color`)} [Related Topics](#)

■ Color

To adjust the brightness/contrast of your screen

- 1 Click here ■ to view Display properties.
- 2 Click the Advanced button, then click the ATI Color tab.
- 3 Under the Target Gamma area, drag the slider right (to increase) or left (to decrease) the brightness/contrast of your screen.

Note

- A value of 1.0 represents a flat (unmodified) setting. To return the Target Gamma to this value, click the Defaults button.

{button ,AL(`color`)} [Related Topics](#)

■ Color

To adjust your screen's color

- 1 Click here ■ to view Display properties.
- 2 Click the Advanced button, then click the ATI Color tab.
- 3 Under the Color area, click the radio button corresponding to the desired [color component](#) (Red, Green or Blue).
- 4 Move the mouse cursor over the control point and click and hold the left mouse button.
- 5 While holding the button down, drag the control point to its new location.

Notes

- Points cannot be dragged past another adjacent point on the curve.
- The left-most end point cannot be dragged up from the bottom edge.
- The right-most end point cannot be dragged down from the top edge.

Tip

- Individual settings can be saved by clicking Save As... and then typing a name for the scheme. That name appears in the Scheme list, so you can easily restore the scheme later.

{button ,AL(`color`)} [Related Topics](#)

■ Color

To add/remove color correction control points

- 1 Click here ■ to view Display properties.
- 2 Click the Advanced button, then click the ATI Color tab.
- 3 Under the Color area, click the radio button corresponding to the desired color component (Red, Green or Blue).
- 4 To add a control point, hold the SHIFT key down while clicking the mouse cursor at the desired point on the [color curve](#).
A control point appears on the color curve at the selected spot.
- 5 To remove a control point, hold the CTRL key down while clicking the mouse cursor on the control point to be removed.
The control point disappears from the color curve.

Tip

- By adding, removing or moving control points, you smoothen or harshen the gradation of a color tone.

{button ,AL(`color`)} [Related Topics](#)

Color Correction

This allows you to correct for discrepancies between the real color value and the way your screen displays it.

Color discrepancies can be caused by a variety of sources, including:

- lighting conditions in the work area
- color shifts in the monitor or flat panel display

Color Curve

A color curve represents all of the values of intensity (from 0 to 255) for the corresponding [color component](#) (Red, Green or Blue). For each color curve, the horizontal axis represents the input value (i.e., the color value which the Windows program wants to display), while the vertical axis represents the output value (i.e., the color value that the display driver will write to your screen). A value of 0 (in the lower left corner) represents the darkest tint of a particular color, while a value of 255 (in the upper right corner) represents the lightest tint of that color.

Color Component

Three color components - Red, Green and Blue (or simply RGB) - combine in various intensities to determine the color of each pixel on your screen. The values of each color component are graphically represented by a corresponding [color curve](#).

■ Color

To assign a color scheme hotkey

- 1 Click here to ■ view Display Properties.
- 2 Click the Advanced button, then click the ATI Color tab.
- 3 Select a color scheme in the Scheme list.
- 4 Click in the Scheme [Hotkey](#) field.
- 5 Assign a Hotkey by typing a key to use in conjunction with CTRL + ALT.
- 6 Click on Save As... to save your color scheme hotkey.

Tips

- You can also select color schemes using the taskbar menu. Click the right mouse button on the ATI icon in the taskbar, then select Schemes.

{button ,AL(`color`)} [Related Topics](#)

Hotkey

One or more keys, used in conjunction with CTRL and ALT, to perform an action.

Displays test patterns that illustrate how your display looks with different colors. Each time you click the screen icon, one of six different test patterns is displayed.

Positions your screen display and adjusts its size.

- The four arrows under Position shift your display left, right, up, or down.
- The up and down arrows under Size increase/decrease the vertical size of your display. The left and right arrows increase/decrease the horizontal size of your display.
- The Position and Size controls are not available when you have LCD selected in the Display Device menu.

Displays your current screen resolution (width x height, in pixels), color depth (in bits per pixel - bpp), the current vertical frequency, and the current horizontal frequency (for flat panel display systems, horizontal frequency is not displayed):

- Horizontal frequency specifies the rate at which lines are drawn on your screen.
- Vertical frequency specifies the rate at which your screen is redrawn.

If you are using a monitor as a display device, consult your monitor's specifications for the best settings.

Adjusts the Horizontal, Vertical and Composite synchronization of your monitor. Consult your monitor's specifications for the best setting.

- Clicking the Horizontal or Vertical buttons toggles synchronization between positive and negative.
- If your Display Device is a flat panel display, the Synchronization controls are not available.

Click this to open the Change Refresh Rate dialog box, listing all available refresh rates for each resolution. For flat panel displays, this control is disabled.

- If Show Compatible refresh rates is selected, lists the available refresh rates for your monitor.
- If Show all refresh rates is selected, lists all the refresh rates that your current graphics accelerator will support.

Warning

- **Consult your monitor user's manual before adjusting refresh rates. Applying the wrong refresh rate may seriously damage your monitor.**

Click this to list the refresh rates that your monitor can use.

Click this to list all monitor refresh rates that your graphics accelerator can use.

Warning

- **Consult your monitor user's manual before adjusting refresh rates. Applying the wrong refresh rate may seriously damage your monitor.**

Closes this dialog box without saving any changes.

Changes the refresh rate to the value you select.

Click this to open the Defaults dialog box. You can reset your display to default values or factory settings.

Closes this dialog box and saves any changes you have made.

Closes this dialog box without saving any changes you have made.

Resets your monitor display to the settings Windows suggests for the monitor type selected in the Settings page.
(Flat panel displays are unaffected.)

Resets your monitor display to the factory default values for the monitor type selected in the Settings page. (Flat panel displays are unaffected.)

Shows how the current settings will look on your screen.

Serves as a visual aid for adjusting color settings. You can install a different bitmap using the Load Bitmap... button.

Lists all the color correction schemes you have saved using the Save As.. button.

Specifies the key combination that recalls the current scheme.

Click this to save your current color settings. The name you specify will appear in the Scheme list, so you can easily restore these color settings later.

Deletes the scheme that is selected in the Scheme list.

Adjusts the selected color component (Red, Green, or Blue) when a control point on the color curve is moved with the mouse.

Increases or decreases the color brightness and contrast of your display. The higher the gamma value, the higher the brightness and contrast of your display, with 1.0 being flat (unmodified).

Click this to search a drive or network server for a bitmap to replace the one displayed at the top of this Color page. Only simple bitmap (.bmp) files are supported.

Click this to restore all color settings to the factory default values.

■

Tell me how to...

{button ,JI(`>taskwin1',`ADJUST_ScreenPosition');CW(`subcon')}] adjust my screen position

{button ,JI(`>taskwin1',`ADJUST_ScreenSize');CW(`subcon')}] adjust the size of my screen

{button ,JI(`>taskwin1',`ADJUST_Synchronization');CW(`subcon')}] adjust the synchronization

{button ,JI(`>taskwin1',`ADJUST_RefreshRate');CW(`subcon')}] adjust the monitor refresh rate

{button ,IE(FE(`ati64hlp.stb'),`JI(`>install',`Setup2')',`JI(`>install',`Setup')');CW(`subcon')}] return to the Getting Started window

{button ,Contents()}] get more detailed information



Tell me how to...

```
{button ,JI(`>taskwin1`,`ADJUST_ScreenPosition`);CW(`subcon`)} adjust my screen position  
{button ,JI(`>taskwin1`,`IDH_ADJUST_TVOut`);CW(`subcon`)} adjust my TV display  
{button ,JI(`>taskwin1`,`IDH_ADJUST_TVOut_Advanced`);CW(`subcon`)} adjust advanced TV display features  
{button ,JI(`>taskwin1`,`IDH_ADJUST_LCD_Advanced`);CW(`subcon`)} adjust advanced flat panel display  
features  
{button ,JI(`>taskwin1`,`ADJUST_ScreenSize`);CW(`subcon`)} adjust the size of my screen  
{button ,JI(`>taskwin1`,`ADJUST_Synchronization`);CW(`subcon`)} adjust the synchronization  
{button ,JI(`>taskwin1`,`ADJUST_RefreshRate`);CW(`subcon`)} adjust the monitor refresh rate  
{button ,IE(FE(`ati64hl2.stb`,`JI(`>install`,`Warning6`,`JI(`>install`,`Warning5`));CW(`subcon`))} return to  
Using TV Display  
{button ,IE(FE(`ati64hlp.stb`,`JI(`>install`,`Setup4_TV`,`JI(`>install`,`Setup3_TV`));CW(`subcon`))} return to  
Getting Started  
{button ,Contents()} get more detailed information
```


■

Tell me how to...

```
{button ,JI(>taskwin1,`COLOR_color_correction_bitmap`);CW(`subcon`)} load a new color bitmap
{button ,JI(>taskwin1,`COLOR_control_points`);CW(`subcon`)} add or remove color control points
{button ,JI(>taskwin1,`COLOR_calibrate_color`);CW(`subcon`)} calibrate my display's colors
{button ,JI(>taskwin1,`COLOR_adjust_brightness`);CW(`subcon`)} adjust color brightness and contrast
{button ,JI(>taskwin1,`COLOR_save_scheme`);CW(`subcon`)} save a color scheme
{button ,JI(>taskwin1,`Color_To_assign_a_color_scheme_hotkey`);CW(`subcon`)} recall a scheme using
hotkeys
{button ,IE(FE(`ati64hlp.stb`),`JI(>install`,`Setup2`),`JI(>install`,`Setup`));CW(`subcon`)} return to Getting
Started
{button ,Contents()} get more detailed information
```

■

Tell me how to...

```
{button ,JI(`>taskwin1',`COLOR_color_correction_bitmap');CW(`subcon')}} load a new color bitmap
{button ,JI(`>taskwin1',`COLOR_control_points');CW(`subcon')}} add or remove color control points
{button ,JI(`>taskwin1',`COLOR_calibrate_color');CW(`subcon')}} calibrate my display's colors
{button ,JI(`>taskwin1',`COLOR_adjust_brightness');CW(`subcon')}} adjust color brightness and contrast
{button ,JI(`>taskwin1',`COLOR_save_scheme');CW(`subcon')}} save a color scheme
{button ,JI(`>taskwin1',`Color_To_assign_a_color_scheme_hotkey');CW(`subcon')}} recall a scheme using
hotkeys
{button ,IE(FE(`ati64hlp.stb'),`JI(`>install',`Setup4_TV'),`JI(`>install',`Setup3_TV')));CW(`subcon')}} return to
Getting Started
{button ,Contents()}} get more detailed information
```

Resets the graphics accelerator to factory settings.

Note All changes to your accelerator settings will be lost.

■

Display Adapter Hardware Settings


This page allows you to view or change the current low-level hardware settings of your ATI graphics accelerator. The Settings list shows all of the hardware settings for the installed ATI graphics accelerator. The Value box lists the current value of the selected Settings item. A brief description of the selected hardware setting is shown in the Description box.

Notes

- If the value of a hardware setting cannot be changed, the Value box is disabled.
- It is recommended that you do not change any hardware settings on this page.
- Any changes you do make to this page will not take effect until you click OK. In some cases, a system restart may be requested.

Tip

- To restore the graphics accelerator to the manufacturer's recommended hardware settings, click the Factory Defaults button.

Help is available for each item in this group. Click  at the top of the dialog box, and then click the specific item you want information about.

Check this to enable the ATI Taskbar icon.

Check this if you want dialog boxes to open in the center of your screen. This is especially useful when you are using a Virtual Desktop.

■ Settings

To enable/disable TV Out display

- 1 Click here ■ to view Display Properties.
- 2 Click on the Advanced button, then click the Display tab.
- 3 Click on the Television check box to enable/disable TV Out display.

Notes

- You need a TV or VCR connected to your computer to enable the TV Out feature. To connect a TV or VCR, all you need is a Composite or S-Video cable connector.
- All of the display settings set for your monitor or flat panel display will apply to your TV display too.
- You cannot enable TV Out display unless the current [screen resolution](#) is lower than 1024x768. Try changing your screen resolution and then try to enable the TV Out feature.

{button ,AL(`tvout')} [Related Topics](#)

■ Settings

To connect a TV or VCR to your computer

- 1 Determine if your TV or VCR has an [S-Video](#) or a [Composite](#) video connection.
- 2 Looking at the back of your computer, locate the corresponding video-out connector.
- 3 Using an S-Video or a Composite cable, attach one end of the cable to the video-out connector on your computer and the other end to your TV or VCR.

Notes

- S-Video will produce the best results.
- Depending on your hardware, your system's graphic display capabilities may be limited when the TV Out display is enabled.
- You cannot enable TV Out display unless the current [screen resolution](#) is lower than 1024x768. Try changing your screen resolution and then try to enable the TV Out feature.

{button ,AL('tvout')} [Related Topics](#)

■ Adjustment

To adjust the TV display

- 1 Click here ■ to view Display properties.
- 2 Click on the Advanced button, then click the ATI Adjustment tab.
- 3 Pull down the Output Device menu.
- 4 Select Television.
- 5 Click one of the four Position arrows in the Adjustment box to change your screen position.
The four Position arrows shift your display left, right, up, or down.

Tip

- Under Size, the up and down arrows increase/decrease the vertical size of your TV's display. The left and right arrows increase/decrease the horizontal size of the display.

{button ,AL(`tvout')} [Related Topics](#)

■ Adjustment

To adjust the advanced TV display features

- 1 Click here ■ to view Display properties.
- 2 Click on the Advanced button, then click the ATI Adjustment tab.
- 3 Pull down the Output Device menu.
- 4 Select Television.
- 5 Click on Advanced.

{button ,AL(`tvout`)} [Related Topics](#)

Displays your current TV signal (NTSC or PAL), connector (Composite and/or S-Video), and color depth (in bits per pixel - bpp).

[Click to set advanced settings for your TV display.](#)

Lists all the advanced settings schemes you have saved using the Save As.. button.

Click to save your current advanced settings. The name you specify will appear in the Scheme list, so you can easily restore these advanced settings later.

Deletes the scheme that is selected in the Scheme list.

Changes the contrast on TV Out display. Reduced contrast makes text and graphics less vivid, but reduces the amount of flicker.

Drag the Brightness slider to adjust the brightness of your TV (this does not affect the brightness of your computer monitor or flat panel display).

Adjusts the saturation level of color in the image.

Adjusts the flicker removal setting. Generally, the maximum flicker removal setting is recommended.

Use the Luma and Chroma sliders to adjust the amount of flicker removal.

- **Luma** - adjusts flicker in the light domain
- **Chroma** - adjusts flicker in the color domain

The flicker removal settings will depend on your preferences and the type of application running. For static graphics and Windows applications where flicker removal is more desirable, the maximum flicker removal setting is recommended (i.e., move the flicker removal sliders toward Max). For applications with lots of motion, such as movie/DVD playback, less flicker removal can be used, which will produce a sharper picture.

Click this to override the normal sizing and positioning to display at full screen.

Click this to change the TV signal from 525 or 625 interlaced lines to half as many non-interlaced lines. This reduces the vertical size of the TV display but eliminates any flicker due to interlacing.

Adjusts the Composite Sharpness to the following:

- Minimum
- Average
- Maximum

Adjusts the S-Video Sharpness to the following:

- Maximum
- Average
- Minimum

Use this feature to control the moving, jagged edges which are characteristic of an NTSC composite image.

- **Standard** - recommended for viewing dynamic/moving images, such as those experienced during video playback (for example, playing a Movie, MPEG, AVI, or DVD file).
- **Frozen** - recommended for 'static' applications, such as word processors, spreadsheets, presentation software, etc.

Displays the hotkey for the current advanced settings scheme.

Type of video signal used in Hi8 and S-VHS video tape formats. It transmits *luminance* (brightness) and *chrominance* (color) portions separately, using multiple wires, avoiding the [NTSC or PAL](#) encoding process and the resultant loss of picture quality. Also known as Y-C video.

NTSC (National Television Systems Committee) is the North American and Japanese TV standard. Frame rate is 30 per second.

PAL (Phase Alternate Line) is the European (excluding France) TV standard. Frame rate is 25 per second. (For PAL-M, used in Brazil, frame rate is 30 per second.)

• TV Out Features

Tell me how to...

{button ,JI(`>taskwin1',`IDH_SETTINGS_TVOut_Connect');CW(`subcon')}] connect a TV or VCR to my computer

{button ,JI(`>taskwin1',`IDH_SETTINGS_TVOut');CW(`subcon')}] enable/disable my TV display

{button ,JI(`>taskwin1',`IDH_ADJUST_TVOut');CW(`subcon')}] adjust my TV display

{button ,JI(`>taskwin1',`IDH_ADJUST_TVOut_Advanced');CW(`subcon')}] adjust advanced TV display features

{button ,IE(FE(`ati64hl2.stb'),`JI(`>install',`Warning6'),`JI(`>install',`Warning5'));CW(`subcon')}] return to
Using TV Display

{button ,IE(FE(`ati64hlp.stb'),`JI(`>install',`Setup4_TV'),`JI(`>install',`Setup3_TV'));CW(`subcon')}] return to
Getting Started

Click the type of icons that you want in the ATI Taskbar menu.

Check the Side Image on Menu box to display the ATI Technologies graphic on the menu.

Select the output device that you want from the drop down list. The controls on the Adjustment page will change depending on the device you select.

Shows how the current settings will look on your TV screen.

Check to enable monitor display. This box must be checked to change your monitor display settings.

Check to enable TV Out display. This box must be checked to change your TV display settings.

■ ATI DeskTop Help

To disable TV Out display

- 1 Click here ■ to view Display Properties.
- 2 Click on the Advanced button, then click on the Display tab.
- 3 Click on the Television check box to disable TV Out display.
- 4 Click OK.

```
{button Continue,IE(FE(`ati64hlp.stb'),`Jl(`>install',`Setup4_TV'),`Jl(`>install',`Setup3_TV')));CW(`taskwin1')}
```

A type of video signal that includes the complete visual waveform, including chromatic (color) and luminance (brightness) picture information, as well as control signals. [NTSC and PAL](#) are composite video standards. Composite connectors are also known as RCA or Phono plugs.

Check to enable flat panel display. This box must be checked to change your flat panel display settings.

Shows how the current settings will look on your flat panel display.

Check this if you want to add the QuickRes icon to the taskbar. When you click on this icon in the taskbar you can quickly change display resolutions and color depths.

■ Adjustment

To adjust the advanced flat panel display features

- 1 Click here ■ to view Display properties.
- 2 Click on the Advanced button, then click the ATI Adjustment tab.
- 3 Pull down the Display Device menu.
- 4 Select LCD.
- 5 Click on Advanced.

Notes

- Drag the Backlight slider to adjust the backlight brightness of the flat panel display.
- Drag the DOS Cursor Blink Rate slider to adjust the rate at which the cursor flashes in a full-screen DOS box or under regular DOS.
- Drag the Color Enhancement slider to minimize banding effects on flat panels that have a smaller color depth than the graphics mode you are displaying. Primarily used for DSTN LCD displays.

{button ,AL(`laptop')} [Related Topics](#)

Enable this checkbox to turn on Ratiometric Expansion. Your display will be expanded to the fixed number of pixels in your flat panel display. For example, if you are displaying 320 x 200 mode on a 800 x 600 flat panel display, then the display will be expanded to 800 x 600.

Click this to open the Advanced Settings dialog to fine tune the flat panel display.

Drag this slider to adjust the backlight brightness of the flat panel display.

Click this to toggle the flat panel display from white on black (i.e. white characters on a black background) to black on white.

Drag this slider to adjust the rate at which the cursor flashes in a full screen DOS box or under regular DOS.

Drag this slider to minimize banding effects on flat panels that have a smaller color depth than the graphics mode you are displaying.

Click to display the Games dialogue. You can use this feature to configure refresh rates for games modes.

Drag this slider to adjust the gamma level of video playing on your display.

Adjusts the **Composite Sharpness** to the one of following:

- **Less** - recommended for inexpensive TVs and VCRs
- **Standard** - recommended for average to high-end TVs and VCRs
- **More** - see Standard setting
- **Maximum** - see Standard setting
- **Black & White** - recommended when viewing programs which are primarily text-based

Adjusts the **S-Video Sharpness** to the following:

- **Less** - recommended for inexpensive TVs and VCRs
- **Standard** - recommended for average to high-end TVs and VCRs
- **More** - see Standard setting
- **Black & White** - recommended when viewing programs which are primarily text-based

▪ **Display Properties**

The following [Display Properties](#) pages have been added to support the new ATI enhanced display driver utilities:

- Display page—for selecting the display(s) attached to your ATI hardware.
- Adjustment page—for adjusting the position and size of your screen, as well as manipulating the screen refresh rate, frequencies and synchronization.
- Color correction page—for correcting color tone differences between real color values and the way your monitor or flat panel displays them, and for storing various color correction preferences for easy recall later.

▪ **Device Manager**

The following display adapter [Device Manager](#) page supports the new ATI enhanced display driver utilities:

- Settings page—restores factory low-level hardware settings of your ATI graphics accelerator, through the Factory Defaults button.
- Diagnostics page—for determining the configuration of your ATI hardware, and testing its functionality.

■ **ATI Taskbar Icon**

ATI's shortcut icon provides instant access to various programs, display settings, and the ATI Desktop online help system.

If you position the mouse cursor over the ATI icon, you can view the following settings:

- screen resolution
- desktop size
- color depth

If you click the right mouse button on the ATI icon, a menu appears with the following five options:

- **ATI Programs**—open all installed ATI programs from one location
- **Settings**—open the ATI Icon Settings, the Display Settings, and the Device Settings
- **Help**—launch the ATI Desktop help system
- **Troubleshooting**—launch a troubleshooting help session

Tip

- You can also launch the ATI Desktop help directly by double-clicking the left mouse button on the ATI icon.
- If the ATI Icon is not in the taskbar, click here {button ,EF(`Atiptkad.exe',`-i',1)} to install it.

Display Properties

Using the Display Properties dialog box, you can customize various screen elements in Windows. To access this dialog box, click the right mouse button in an empty area of the desktop, and then click Properties.

Device Manager

The Device Manager is accessed as one tab of the [System Properties](#) dialog box. It provides a categorized list of all the hardware on your computer (including your graphics accelerator hardware), allowing you to view or change a particular [device driver](#), or modify its configuration.

Device Driver

This is the lowest-level software which deals directly with the hardware of a particular computer device (such as a mouse, keyboard, graphics accelerator, etc.).

System Properties

Using the System Properties dialog box, you can view or modify your system configuration settings, including your ATI graphics accelerator hardware configuration (through the [Device Manager](#)). To display the System Properties, double-click the System icon in the Control Panel.

■ **ATI Setup**

Welcome to the ATI DeskTop help system!

This help system is your single-point access to your ATI product features.

If this is your first time installing this ATI product, you may want to take a few minutes following the installation to familiarize yourself with its enhanced features.

Click here ■ to begin installation.

■ ATI Setup

To install a new display driver

- 1 Click here ■ to view Display properties.
- 2 Click the Advanced button.
- 3 Click the Adapter tab, then click Change.
- 4 In Device Driver Wizard, click Next, then select **Display a list of all the drivers** and click Next.
- 5 Click Have Disk.

6 To install from CD-ROM or diskette:

Insert the ATI Installation CD-ROM or diskette and type the following:

X:\WIN95 (Where **X** is the drive letter of your CD-ROM or diskette drive),
then click OK.

or

To install drivers downloaded from the Internet:

Type the complete path for the folder containing the new drivers (or use the Browse button to navigate to the appropriate folder),
then click OK.

- 7 Click Next, and follow the on-screen instructions to complete the Wizard.
The new ATI display driver files are copied to your computer.
- 8 For help on selecting a monitor which matches your hardware, click here ■.
Otherwise, click Close.
- 9 Click Close to save changes, then click Yes to restart Windows.

Note

- Following the reset, ATI DeskTop Help will guide you through some of the enhanced features of your new ATI graphics accelerator product.

■ **ATI Setup**

To select a monitor

- 1 Click the Monitor tab, then click Change
- 4 In Device Driver Wizard, click Next, then select **Display a list of all the drivers** and click Next.
- 3 In the Manufacturer's box, select the appropriate monitor manufacturer (If a list of manufacturers does not appear, click Show all devices).
- 4 In the Models box, select the model that matches your hardware (refer to the manufacturer's specifications if you need help).
- 5 Click Next, and follow the on-screen instructions to complete the Wizard.
- 6 Click Close to save changes.
- 8 Click Ok to close Display Properties, then Click Yes to restart Windows.

Note

- Following the reset, ATI DeskTop Help will guide you through some of the enhanced features of your new ATI graphics accelerator product.

■ Getting Started...

Setting ATI Display Properties

Now that the new ATI display drivers are installed, you may want to take a few moments to familiarize yourself with your graphics accelerator's enhanced features.

For information on using help, press the **F1** key at any time during a Help session.

Tell me how to...

- enable/disable my monitor or flat panel display
 - adjust my screen position
 - set color correction controls
 - add a multimedia upgrade to my desktop computer
 - get more detailed information
- Show this screen next time you start Windows.

■ Getting Started...

Setting ATI Display Properties

Now that the new ATI display drivers are installed, you may want to take a few moments to familiarize yourself with your graphics accelerator's enhanced features.

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■ Getting Started...

Setting ATI Display Properties

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For information on using help, press the **F1** key at any time during a Help session.

Tell me how to...

- connect a TV or VCR to my computer
- enable/disable my monitor, flat panel or TV display
- return to Using TV Display
- adjust my screen position
- set color correction controls
- add a multimedia upgrade to my desktop computer
- get more detailed information
- Show this screen next time you start Windows.

■ Getting Started...

Setting ATI Display Properties

Now that the new ATI display drivers are installed, you may want to take a few moments to familiarize yourself with your graphics accelerator's enhanced features.

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- return to Using TV Display
- adjust my screen position
- set color correction controls
- add a multimedia upgrade to my desktop computer
- get more detailed information
- Show this screen next time you start Windows.

■ Settings

To setup a monitor {button To continue with current configuration...,IE(FE(`ati64hlp.stb'),`JI(`>install',`Setup4_TV');`JI(`>install',`Setup3_TV');CW(`subcon')}}

- 1 Click the Advanced button.
- 2 Click the Monitor tab, then click Change
- 4 In Device Driver Wizard, click Next, then select **Display a list of all the drivers** and click Next.
- 3 In the Manufacturer's box, select the appropriate monitor manufacturer (If a list of manufacturers does not appear, click Show all devices).
- 4 In the Models box, select the model that matches your hardware (refer to the manufacturer's specifications if you need help).
- 5 Click Next, and follow the on-screen instructions to complete the Wizard.
- 6 Click Close to save changes.
- 7 Click Ok to close Display Properties.

- **ATI DeskTop Help**



Using TV Display



Your graphics accelerator is configured for TV display. Using this feature, you can connect a TV to your computer's video output to view the desktop.

If you are not using a TV for your computer's display, you should disable TV display for optimal performance (higher refresh rates). You can re-enable TV display at a later date.

```
{button Disable TV display,Jl(`>taskwin1`,`IDH_Settings_DisableTVOut')}}      {button Continue with current  
configuration,IE(FE(`ati64hlp.stb`,`Jl(`>install`,`Setup4_TV`,`Jl(`>install`,`Setup3_TV`))')}
```

- Show window at start up when TV display is enabled.

■ ATI DeskTop Help

■ Using TV Display

Your graphics accelerator is configured for TV display. Using this feature, you can connect a TV to your computer's video output to view the desktop.

If you are not using a TV for your computer's display, you should disable TV display for optimal performance (higher refresh rates). You can re-enable TV display at a later date.

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configuration,IE(FE(`ati64hlp.stb`,`Jl(`>install`,`Setup4_TV`,`Jl(`>install`,`Setup3_TV`))')}
```

- Show window at start up when TV display is enabled.

■ Getting Started...

Setting ATI Display Properties

Now that the new ATI display drivers are installed, you may want to take a few moments to familiarize yourself with your graphics accelerator's enhanced features.

For information on using help, press the **F1** key at any time during a Help session.

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- adjust my screen position
- set color correction controls
- get more detailed information
- Show this screen next time you start Windows.

■ Getting Started...

Setting ATI Display Properties

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Tell me how to...

- adjust my screen position
- set color correction controls
- get more detailed information
- Show this screen next time you start Windows.

■ ATI-TV

Now you can watch TV, videos, or games on your desktop computer!

ATI-TV (sold separately) is an intelligent TV tuner add-in board that expands your ATI graphics accelerator and enhances your multimedia experience. (ATI-TV is not available for laptop computers).

ATI-TV accepts a full range of video/audio input from just about any video source: TV, antenna/cable, VCR, video camera, LaserDisc, and video games.

You can use ATI-TV to do the following:

- Watch TV on your computer as you work
- Watch a videotape or LaserDisc movie on your computer
- Capture, save, and print TV and video images
- Display and record closed-captioned text

ATI-TV displays cable, broadcast TV or full-motion video on the whole screen or in a window.

Please contact your dealer about availability.

Note

- You need to have an empty ISA slot available and an AMC (ATI Multimedia Channel) connector located on your ATI graphics card or on the mainboard.
- If you purchased the ALL-IN-WONDER or ALL-IN-WONDER PRO, you already have a TV tuner and do not need the ATI-TV product.

{button ,IE(FE(`ati64hlp.stb'),`JI(`>install',`Setup2')`,`JI(`>install',`Setup')');CS()}} return to the Getting Started window

■ ATI-TV

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- If you purchased the ALL-IN-WONDER or ALL-IN-WONDER PRO, you already have a TV tuner and do not need the ATI-TV product.

{button ,IE(FE(`ati64hlp.stb'),`JI(`>install',`Setup4_TV')',`JI(`>install',`Setup3_TV')');CS()}} return to the Getting Started window

- **Warning**

- **Using TV Display**

If the display on your monitor or flat panel is scrambled, turn the power off on your display device.

Your graphics accelerator is configured for TV display. Using this feature, you can connect a TV to your computer's video output to view the desktop.

If you are **not** using a TV for your computer's display, you should disable TV display for optimal performance (higher refresh rates). You can re-enable TV display at a later date.

```
{button Disable TV display,JI(>taskwin1,'IDH_Settings_DisableTVOut')}      {button Continue with TV display  
  enabled,IE(FE('ati64hlp.stb'),JI(>install,'Setup4_TV'),JI(>install,'Setup3_TV'))}
```

- Show window at start up when TV display is enabled.

- **Warning**

- **Using TV Display**

If the display on your monitor or flat panel is scrambled, turn the power off on your display device.

Your graphics accelerator is configured for TV display. Using this feature, you can connect a TV to your computer's video output to view the desktop.

If you are **not** using a TV for your computer's display, you should disable TV display for optimal performance (higher refresh rates). You can re-enable TV display at a later date.

```
{button Disable TV display,JI(>taskwin1,'IDH_Settings_DisableTVOut')}      {button Continue with TV display  
  enabled,IE(FE('ati64hlp.stb'),JI(>install,'Setup4_TV'),JI(>install,'Setup3_TV'))}
```

- Show window at start up when TV display is enabled.

■ ATI DeskTop Help

■ Using TV Display

Your ATI graphics accelerator can use a TV for your computer's display. To use a TV for your computer's display, you need to ensure that TV display is enabled.

If you are **not** using a TV for your computer's display, you should disable TV display for optimal performance (higher refresh rates). You can re-enable TV display at a later date.

```
{button Enable or Disable TV Display,Jl(` >taskwin1`,`IDH_Settings_TVOut')}} {button  
Continue,IE(FE(`ati64hlp.stb`,`Jl(` >install`,`Setup4_TV`,`Jl(` >install`,`Setup3_TV`))')}
```

- Show window at start up when TV display is enabled.

■ ATI DeskTop Help

■ Using TV Display

Your ATI graphics accelerator can use a TV for your computer's display. To use a TV for your computer's display, you need to ensure that TV display is enabled.

If you are **not** using a TV for your computer's display, you should disable TV display for optimal performance (higher refresh rates). You can re-enable TV display at a later date.

```
{button Enable or Disable TV Display,JI(`>taskwin1`,`IDH_Settings_TVOut')}} {button  
Continue,IE(FE(`ati64hlp.stb`,`JI(`>install`,`Setup4_TV`,`JI(`>install`,`Setup3_TV`))')}
```

- Show window at start up when TV display is enabled.

■ Settings

To change the display driver

- 1 Click here ■ to view Display properties.
- 2 Click the Advanced button.
- 3 Click the Adapter tab, then click Change.
- 4 In the Device Driver Wizard, click Next, then select **Display a list of all the drivers** and click Next.
- 5 Click Have Disk.

6 To install from CD-ROM or diskette:

Insert the ATI Installation CD-ROM or diskette and type the following:

X:\WIN95 (Where **X** is the drive letter of your CD-ROM or diskette drive),
then click OK.

or

To install drivers downloaded from the Internet:

Type the complete path for the folder containing the new drivers (or use the Browse button to navigate to the appropriate folder),
then click OK.

- 7 Click Next, then follow the on-screen instructions to complete the Wizard.
The new ATI display driver files are copied to your computer.
- 8 Click Close.
- 9 Click Close to save changes, then click Yes to restart Windows.

{button ,AL(`settings`)} [Related Topics](#)

■ Settings

To select a monitor

- 1 Click here ■ to view Display properties.
- 2 Click the Advanced button, then click the Monitor tab.
- 3 Click Change.
- 4 In the Device Driver Wizard, click Next, then select **Display a list of all the drivers** and click Next.
- 6 In the Manufacturer's box, select the appropriate monitor manufacturer (if a list of manufacturers does not appear, click Show all devices).
- 7 In the Models box, select the model that matches your hardware (refer to the manufacturer specifications if you need help).
- 5 Click Next, and follow the on-screen instructions to complete the Wizard.
- 6 Click Close to save changes.
- 9 Click Ok to close Display Properties.

{button ,AL(`settings')} [Related Topics](#)

Screen Resolution

Screen Resolution is the number of [pixels](#) displayed on your screen, expressed as a number in the form WxH, where W is the number of pixels displayed horizontally (width) and H is the number of pixels displayed vertically (height). Typical screen resolutions include 640x480, 800x600, 1024x768, 1152x864 and 1280x1024.

Pixel

A pixel is one 'dot' on your display. Each pixel can be a different color. The number of possible colors is determined by the [color depth](#).

Color Depth/bpp

The number of colors that are available, or color depth, is determined by the number of bits associated with each [pixel](#) to represent that pixel's color. This is specified as the bpp (bits per pixel) setting. Some common values are:

- 8 bpp - gives 256 colors
- 16 bpp - gives 65K colors
- 32 bpp - gives 16.7M colors.

■ Settings

To change the number of colors your monitor displays

- 1 Click here ■ to view Display properties.
- 2 In the Colors list, click the number of colors that you want your screen to display.

Note

- Your monitor or flat panel display and graphics accelerator determine the maximum number of colors that can appear on your screen.

{button ,AL(`settings')} [Related Topics](#)

■ **ATI DeskTop Help**

To view the Help Version

- 1 Click here ■ to view the Help Version.

■ Settings

To enable/disable a monitor or flat panel display

- 1 Click here to ■ view Display Properties.
- 2 Click on the Advanced button, then click the ATI Display tab.
- 3 Click on the Monitor check box (if available) to enable/disable monitor display.

or

Click on the LCD check box to enable/disable flat panel display.

Note

- If you have more than one monitor, be sure to select the monitor that is connected to your ATI graphics hardware (by selecting the appropriate display on the Settings page).
- If there is a checkmark under the display option, or the checkbox is not available, then that display option is enabled.
- You need a flat panel display connected to your system for the LCD option to appear.
- When you select a display option, the display mode will automatically change to a compatible mode.

{button ,AL(`settings`)} [Related Topics](#)

■ Settings

To enable/disable a monitor, flat panel or TV

- 1 Click here to ■ view Display Properties.
- 2 Click on the Advanced button, then click the ATI Display tab.
- 3 Click on the Monitor check box (if available) to enable/disable monitor display.

or

Click on the LCD check box to enable/disable flat panel display.

or

Click on the Television check box to enable/disable TV display.

Note

- If you have more than one monitor, be sure to select the monitor that is connected to your ATI graphics hardware (by selecting the appropriate display on the Settings page).
- If there is a checkmark under the display option, or the checkbox is not available, then that display option is enabled.
- Display devices, such as flat panel displays and TVs, that are not attached to your ATI system hardware are not selectable.
- When you select a display option, the display mode will automatically change to a compatible mode.

{button ,AL(`settings`)} [Related Topics](#)

▪ Troubleshooting

{button ,JI(`,`TROUBLE_tips')}} Troubleshooting Tips

{button ,EF(`atiiprxx.exe',`,1);CW(`subcon')}} Problem Report Wizard

▪ Troubleshooting

Troubleshooting Tips

Difficulties with your computer display can arise from a combination of things. Listed below are several checks you can make to help determine the problem.

What's Wrong?

{button ,JI(`,`TROUBLE_tips_system_lockup')}` After installing the display card in my desktop computer, the system occasionally locks up.

{button ,JI(`,`TROUBLE_tips_no_sync')}` My monitor does not synchronize.

{button ,JI(`,`TROUBLE_tips_low_resolution')}` I cannot select the desired colors/screen resolution.

{button ,JI(`,`TROUBLE_tips_no_install')}` My display driver does not work correctly.

▪ Troubleshooting

If your desktop computer system is locking up

- Ensure that the graphics card is seated correctly and that it has been installed using the proper Control Panel "Add New Hardware" wizard. Refer to Windows Help for information on accessing this wizard.
- Try starting Windows in Safe Mode. To find out how, click [here](#)
- Try the graphics card in a different system. If the card works in another system, the problem is likely due to incorrect configuration or a hardware conflict. To start the Hardware Conflict Troubleshooter, start Windows Help and, in the Index, type "hardware conflict".

{button ,EF(`Windows.chm',`,`',1):CW(`subcon')} [Click here to start Windows Help](#)

- **Troubleshooting**

- **If your monitor goes out of sync**

- The wrong monitor type has been selected.
 - To select a new monitor, [click here](#)
 -

■ Troubleshooting

If your display driver does not operate correctly

- Install a standard driver which was included with your Windows 98 installation disks, using the following steps:
 - 1 Click here ■ to view Display properties.
 - 2 Click the Advanced button.
 - 3 Click the Adapter tab, then click Change.
 - 4 In Device Driver Wizard, click Next, then select **Display a list of all the drivers** and click Next.
 - 5 Click Show all hardware.
 - 6 In the Manufacturer's list, select ATI Technologies.
 - 7 In the Models list, select the display driver which matches your ATI graphics accelerator product.
 - 8 Click Next, and follow the on-screen instructions to complete the Wizard.
 - 9 Click Close to complete the installation, then click Yes to restart Windows.

▪ Troubleshooting

If you cannot set your desired display colors/resolution

- The combination of [color depth](#) and [screen resolution](#) that is available on the Settings page is dependent on the capabilities of the installed ATI graphics accelerator.
- It is likely the BIOS is told that this combination is unavailable, based on the selected display device/graphics accelerator configuration.

▪ **Customer Support**

Please contact your dealer for technical support.

■ Troubleshooting

To start Windows in safe mode

- 1 Print this topic for reference.
- 2 Restart your computer by clicking the Start button, clicking Shut Down, and then clicking Restart.
or
If the system is locked up, press CTRL+ALT+DEL, or press the computer's reset button, to restart the computer.
- 3 Press and hold the CTRL key until the Microsoft Windows 98 Startup Menu appears..
- 4 Enter the number for **Safe Mode**, then press Enter.
In safe mode, Windows uses default settings (no network, VGA monitor, Microsoft mouse driver, and the minimum device drivers required to start Windows). There is no access to a CD-ROM drive, a printer, or other devices.

Note

- If your system works properly in safe mode with your ATI graphics accelerator but not in normal mode, then the fault is likely due to a faulty display driver or a hardware conflict.
- To try to resolve a hardware conflict, click the Back button and follow the instructions given.
- To change display drivers, click [here](#)
-

▪ Frequently Asked Questions

- {button ,JI(`,`DPMS_support')}` Does Windows 98 have DPMS support?
- {button ,JI(`,`NEW_drivers')}` Where can I get the new ATI drivers?
- {button ,JI(`,`DDC1_ddc2b')}` Is DDC-1 and DDC-2b support still available if I install Windows 98?
- {button ,JI(`,`MPEG_videos')}` What do I need to play MPEG videos under Windows 98?
- {button ,JI(`,`UNINSTALL_drivers')}` How can I uninstall the enhanced ATI drivers?
- {button ,JI(`,`TaskbarIcon')}` What is the ATI Taskbar icon for?

Does Windows 98 have DPMS support?

ATI's *mach64* and 3D RAGE-based products all support the VESA DPMS (Display Power Management Signaling) specification. Monitors with the Energy Star™ symbol generally support DPMS.

To enable DPMS support

- 1 Click here [■](#) to view Display properties.
- 2 Click the Advanced button.
- 3 Click the Monitor tab.
- 4 In the Options area, check the Monitor is Energy Star compliant box.

Note

- For additional ways to reduce your computer's power consumption, start Windows Help and, in the Index, type "power management".

Where can I get the new ATI drivers?

Please contact your dealer to obtain new ATI enhanced drivers.

Is DDC-1 and DDC-2b support still available if I install Windows 98?

Yes. Our *mach64* and 3D RAGE-based products which have built-in DDC-1 and DDC-2b support will still operate with all versions of the Windows 98 ATI drivers. If you have a DDC-1 or DDC-2b compliant monitor, those accelerators will take advantage of it and help to configure the optimum refresh rate and synchronization.

What do I need to play MPEG videos under Windows 98?

ATI offers a multimedia player designed for the 3D RAGE PRO-based graphics accelerator products for use under Windows 98. ATI Player 5.0 (or greater) supports Pentium-based MPC-3 compliant systems and allows the new ATI graphics accelerators to take advantage of MPEG-based videos, without the extra expense of costly MPEG hardware boards. Depending on your specific hardware configuration, ATI Player has support for multimedia features such as an Intelligent TV tuner, closed captioning and European teletext, and Audio CD playback. It also supports video/audio capture with full-motion, full-screen video, excellent color quality playback and MPEG video playback up to 30 frames per second.

How can I uninstall the enhanced ATI drivers?

To uninstall the enhanced ATI drivers, go into the Control Panel, double-click Add/Remove Programs, and select the ATI Display Driver listed in the lower menu. Click Add/Remove, then click Yes to remove the driver. Your system will be reset to the driver that Windows 98 detected upon initial installation.

Note

- To *change* display drivers, click [here](#)
-

▪ Troubleshooting

TV Display Troubleshooting Tips

Difficulties with your TV display can arise from a combination of things. Listed below are several checks you can make to help determine the problem.

If you are having difficulties with your ATI graphics accelerator product or the display on your screen, click here [{button ,JI\(`',`TROUBLE_tips'\)}](#).

What's Wrong?

[{button ,JI\(`>taskwin1',`TROUBLE_tips_TV_display'\)}](#) I can't get the display to appear on a TV.

[{button ,JI\(`>taskwin1',`TROUBLE_tips_TV_text'\)}](#) The text on my TV is too small.

[{button ,JI\(`>taskwin1',`TROUBLE_tips_TV_bright'\)}](#) It is difficult to view graphics on a TV.

[{button ,JI\(`>taskwin1',`TROUBLE_tips_TV_monitor'\)}](#) When I enable TV display, the image on my monitor changes or looks squashed.

▪ Troubleshooting

If you can't get the display to appear on a TV

- Ensure that you have enabled TV display by clicking the checkbox on the Display page. [Click here](#)
- to view Display properties and click the Advanced button. You must have a TV connected to your computer to enable TV display.
- Ensure that your [screen resolution](#) is set to a resolution **lower** than 1024x768.
- You may need to switch your TV to video display. For more information, see the documentation supplied with your TV.

{button ,AL(`tvout')} [Related Topics](#)

{button ,JI(`ati98def.HLP>subcon',`TROUBLE_tips_TVDisplay')} [Return to TV Display Troubleshooting Tips](#)

▪ Troubleshooting

If the text on your TV is too small

- Increase the size of your display fonts. Click [here](#)
- to view Display Properties, then click the Advanced button. Click the General tab, then under Font Size select Large Fonts. To customize the size of the displayed fonts, click Other.
- Increase the size of the font in the application that you are using. For example, if you are surfing the Web, select a font size of 14 or higher in the browser that you are using.

{button ,AL(`tvout`)} [Related Topics](#)

{button ,JI(`ati98def.HLP>subcon`,`TROUBLE_tips_TVDisplay`)} [Return to TV Display Troubleshooting Tips](#)

■ Troubleshooting

If it is difficult to view graphics on a TV

- Turn down the brightness on the TV. It is easier to view graphics on a TV when the brightness is reduced. Click [here](#)
- to view Display Properties. Click the Advanced button and select television from the Display Device menu. Click Advanced and drag the brightness sliders to reduce the level of brightness.

{button ,AL(`tvout')} [Related Topics](#)

{button ,JI(`ati98def.HLP>subcon',`TROUBLE_tips_TVDisplay')} [Return to TV Display Troubleshooting Tips](#)

■ Troubleshooting

If the image on your monitor changes or looks squashed

- This occurs because the display adjusts to fit the dimensions of your TV. To correct the monitor's display, use the controls on the monitor to adjust the display size and position.
- Some single frequency monitors may not work with TV display enabled. If you experience display problems when TV display is enabled, disable TV display to restore your monitor's display.

{button ,AL(`tvout')} [Related Topics](#)

{button ,JI(`ati98def.HLP>subcon',`TROUBLE_tips_TVDisplay')} [Return to TV Display Troubleshooting Tips](#)

