Tell me how to...

{button ,JI(`>taskwin1',`COLOR_control_points');CW(`subcon')}   add or remove color control points

{button ,JI(`>taskwin1',`COLOR_calibrate_color');CW(`subcon')}   change the color of your desktop

{button ,JI(`>taskwin1',`COLOR_adjust_brightness');CW(`subcon')}   adjust the color brightness of your desktop

{button ,JI(`>taskwin1',`Overlay');CW(`subcon')}   adjust the color brightness of your video overlay window

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

{button ,Contents()}   get more detailed information

Color

To adjust the color brightness of your desktop

1 Click here ⬛ to view Display Properties at the Settings tab.
2   Click the Color tab.
3   Under the Brightness area, drag the Desktop slider right (to increase) or left (to decrease) the brightness of your display.
4   Click OK or Apply to save the changes you have made.

_____

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

This macro selects the Video Overlay Brightness file to display based on the help file(s) detected.

Color

To adjust the color brightness of your video overlay window

1 Click here to view Display Properties at the Settings tab.
2   Click the Color tab.
3   Under the Brightness area, drag the Overlay slider right (to increase) or left (to decrease) the brightness of your video overlay window.
4   Click OK or Apply to save the changes you have made.

_____

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

Color

To adjust the color brightness of your video overlay window

1 Click here to view Display Properties at the Settings tab.
2   Click the Color tab.
3   Under the Brightness area, drag the Overlay slider right (to increase) or left (to decrease) the brightness of your video overlay window.
4   Click OK or Apply to save the changes you have made.

Note

▪ This feature is only available if the display device on which your overlay window is opened is set to the primary display mode. Click here for information on how to change display modes.

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

Color

To adjust the color of your desktop

1 Click here ▣ to view Display Properties at the Settings tab.
2   Click the Color tab.
3   In the Color Curve 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.
6   Click OK or Apply to save your new color setting.

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.

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

Color

To add/remove color correction control points

1 Click here to view Display Properties at the Settings tab.

2   Click the Color tab.

3   In the Color Curve area, click the radio button corresponding to the desired <u>color component</u> (Red, Green or Blue)

4   To add a <u>control point</u>, hold the SHIFT key down while clicking the mouse cursor at the desired point on the <u>color curve</u>.

          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.

6 Click OK or Apply to save the changes you have made.

Tip

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

_____

{button ,AL(`color')} <u>Related Topics</u>

Color

To reset your color settings to default values

1 Click here to view Display Properties at the Settings tab.
2   Click the Color tab.
3   Click the Defaults button.
4   Click OK or Apply to save the changes you have made.

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

Click this button to restore your color settings to default values.

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 - 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.

Control Point

A control point is a user-created point on the color curve. You can change the color of your screen by moving control points with your mouse.

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 represents 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.

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

Serves as a visual aid for adjusting color settings.

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 of your video overlay window. The higher the gamma value, the higher the brightness and contrast of your display, with Max being a flat (unmodified) setting.

Click this button to select the desired color component which can then be adjusted by moving control points on the color curve.

Your graphics accelerator allows you to display on-screen contents in distinct display modes, having distinct resolutions and refresh rates.

Setup

Welcome to the DeskTop help system!

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

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

Click here ▪ to begin installation.

DeskTop Help

To view the Help Version

Click here ■ to view the Help Version.

▪Getting Started...

Setting Display Properties

Now that the new 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...

- adjust my screen position
- adjust my screen size
- adjust my screen synchronization
- set color correction controls
- get more detailed information

☑ Show this screen next time you start Windows.

Getting Started...

Setting Display Properties

Now that the new 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...
- adjust my screen position
- adjust my screen size
- adjust my screen synchronization
- set color correction controls
- get more detailed information

☐   Show this screen next time you start Windows.

■

Tell me how to...

{button ,JI(`>taskwin1',`Save_Scheme');CW(`subcon')}   save a displays scheme

{button ,JI(`>taskwin1',`Delete_Scheme');CW(`subcon')}   delete a displays scheme

{button ,JI(`>taskwin1',`Recall_Scheme');CW(`subcon')}   recall a displays scheme

{button ,JI(`>taskwin1',`Assign_Hotkey');CW(`subcon')}   assign a displays scheme hotkey

{button ,JI(`>taskwin1',`Enable_Disable_DisplayDevice');CW(`subcon')}   enable/disable my display device

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

{button ,Contents()}   get more detailed information

▪ Displays

To save a displays scheme

1 Click here ▪ to view Display Properties at the Settings page.
2   Click the Displays tab.
3   Click in the Scheme box.
4   Enter the name for your displays scheme, then click Save.
        This saves the current configuration for each display device (e.g., whether it is enabled or disabled).

Tip
▪   In the Hotkey box, you can assign a hotkey combination that can be used later to recall this displays scheme.

_____

{button ,AL(`displays')} <u>Related Topics</u>

▪ Displays

To save a displays scheme

1 Click here ▪ to view Display Properties at the Settings page.
2   Click the Displays tab.
3   Click in the Scheme box.
4   Enter the name for your displays scheme, then click Save.
         This saves the current configuration for each display device (e.g., whether it is enabled or disabled, set to primary or secondary display mode).

Tip
▪   In the Hotkey box, you can assign a hotkey combination that can be used later to recall this displays scheme.

{button ,AL(`displays')} <u>Related Topics</u>

▪ Displays

To delete a displays scheme

1 Click here ▪ to view Display Properties at the Settings tab.
2   Click the Displays tab.
3   In the Scheme box, click the displays scheme you want to delete.
4   Click Delete.

{button ,AL(`displays')} <u>Related Topics</u>

Displays

To delete a displays scheme

1 Click here ▪ to view Display Properties at the Settings tab.
2   Click the Displays tab.
3   In the Scheme box, click the displays scheme you want to delete.
4   Click Delete.

{button ,AL(`displays')} <u>Related Topics</u>

▪ Displays

To recall a displays scheme

1 Click here ▪ to view Display Properties at the Settings tab.
2   Click the Displays tab.
3   In the Scheme box, click the displays scheme you want to recall.
         The configuration for each display device is now set to the selected scheme.

_____

{button ,AL(`displays')} Related Topics

▪ Displays

To recall a displays scheme

1 Click here ▪ to view Display Properties at the Settings tab.
2　　　Click the Displays tab.
3　　　In the Scheme box, click the displays scheme you want to recall.
　　　The configuration for each display device is now set to the selected scheme.

_____

{button ,AL(`displays')} <u>Related Topics</u>

▪ Displays

To assign a hotkey to a displays scheme

1 Click here to ▪ view Display Properties at the Settings tab.
2   Click on the Displays tab.
3   In the Scheme box, click the displays scheme whose hotkey you want to edit.
4   Click in the Hotkey box.
5   Press any key to assign a hotkey.
6   Click Save.

Note
▪   Only certain hotkey combinations are allowed.

{button ,AL(`displays')} <u>Related Topics</u>

▪ Displays

To assign a hotkey to a displays scheme

1 Click here to ▪ view Display Properties at the Settings tab.
2   Click on the Displays tab.
3   In the Scheme box, click the displays scheme whose hotkey you want to edit.
4   Click in the Hotkey box.
5   Press any key to assign a hotkey.
6   Click Save.

Note
▪   Only certain hotkey combinations are allowed.

{button ,AL(`displays')} <u>Related Topics</u>

▪ Displays

To enable/disable a display device

1 Click here to ▪ view Display Properties at the Settings tab.
2   Click on the Displays tab.
3   Click the enable/disable button ⬛ for the display device you want to enable/disable.
        A desktop image appears on the corresponding display device icon when the button is in the "Enable" position.
4   Click either OK or Apply to save the changes you have made.

Notes

⬛ A display device must be enabled, in order to make changes to its display properties.

⬛ At least one of your display devices must be enabled.

_____

{button ,AL(`displays')} Related Topics

Displays

To change the display mode of a display device

1 Click here to ![] view Display Properties at the Settings tab.
2   Click on the Displays tab.
3   Click the Primary/Secondary button for the display device whose display mode you want to change.
            The button label switches between "Primary" and "Secondary" to indicate the current display mode.
            Your display device must be enabled before you can change its display mode. Click here for more
information.

4 Click either OK or Apply to save the changes you have made.

Notes

   At least one of your display devices must be enabled..

   At least one of your display devices must be set to the primary display mode.

{button ,AL(`displays')} Related Topics

Displays

To change the display mode of a display device

1 Click here to view Display Properties at the Settings tab.
2   Click on the Displays tab.
3   Click the Primary/Secondary button for the display device whose display mode you want to change.
            The button label switches between "Primary" and "Secondary" to indicate the current display mode.
            Your display device must be enabled before you can change its display mode. Click here for more
information.

4 Click either OK or Apply to save the changes you have made.

Notes

   At least one of your display devices must be enabled..

   At least one of your display devices must be set to the primary display mode.

   You cannot set both a flat panel display and TV to the same display mode.

{button ,AL(`displays')} Related Topics

Your graphics accelerator allows you to display on-screen contents in distinct display modes, having distinct resolutions and refresh rates.

Lists all the displays schemes you have saved, as well as several preset schemes.

Displays the hotkey for the current selection in the Scheme list.

Click this to save the current configuration information for each display device. The name you specify will appear in the Scheme list, so you can easily restore these display settings later.

Deletes the displays scheme that is selected in the Scheme list.

Click this to enable/disable monitor display. A desktop image appears on the monitor icon when this button is in the "Enable" position. Shortcut = Alt + 1

Click this to enable/disable flat panel display. A desktop image appears on the flat panel icon when this button is in the "Enable" position. Shortcut = Alt + 2

Click this to enable/disable TV display. A desktop image appears on the TV icon when this button is in the "Enable" position. Shortcut = Alt + 3

Click this to enable/disable TV display. A desktop image appears on the TV icon when this button is in the "Enable" position. Shortcut = Alt + 2

Click this to launch the following Monitor Properties pages:

- Monitor Adjustment page
- Monitor Advanced page

Click this to launch the Flat Panel Attributes page

Click this to launch the following TV Properties pages:

- TV Attributes page
- TV Adjustment page
- TV Advanced page
- TV Format page

Displays a monitor icon, indicating that your graphics accelerator supports a monitor. A desktop image appears on the icon screen when your monitor is enabled.

Displays a flat panel icon, indicating that your graphics accelerator supports a flat panel display. A desktop image appears on the icon screen when your flat panel is enabled.

Displays a TV icon, indicating that your graphics accelerator supports a TV display. A desktop image appears on the icon screen when your TV is enabled.

Displays the current resolution and refresh rate for your monitor.

Displays the current resolution and refresh rate for your flat panel display.

Displays the current resolution and refresh rate for your TV display.

Click this button to switch your monitor between Primary and Secondary display modes (capable of distinct resolutions and refresh rates). Shortcut = Alt + 4

For more information on how to select a display mode, click the Help button on the Displays tab.

Click this button to switch your flat panel between Primary and Secondary display modes (capable of distinct resolutions and refresh rates). Shortcut = Alt + 5

For more information on how to select a display mode, click the Help button on the Displays tab.

Click this button to switch your TV between Primary and Secondary display modes (capable of distinct resolutions and refresh rates). Shortcut = Alt + 6

For more information on how to select a display mode, click the Help button on the Displays tab.

Click this button to switch your TV between Primary and Secondary display modes (capable of distinct resolutions and refresh rates). Shortcut = Alt + 5

For more information on how to select a display mode, click the Help button on the Displays tab.

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

You must have more than one display device connected to your graphics accelerator, in order to use the Schemes feature.

You must have more than one display device connected to your graphics accelerator, in order to use the Schemes feature.

You must have more than one display device connected to your graphics accelerator, in order to use the Schemes feature.

You must have more than one display device connected to your graphics accelerator, in order to use the Schemes feature.

You must have more than one display device connected to your graphics accelerator, in order to use this feature.

Your graphics accelerator does not support the Display Mode feature.

Displays Scheme

A displays scheme stores the configuration information for each display device (e.g., whether it is enabled or disabled).

Displays Scheme

A displays scheme stores the configuration information for each display device [e.g., whether it is enabled or disabled, set to the primary or secondary display mode (i.e., resolution and refresh rate mode)].

Tell me how to...

{button ,JI(`>taskwin1',`ScreenPosition');CW(`subcon')}   adjust the position of my monitor display

{button ,JI(`>taskwin1',`ScreenSize');CW(`subcon')}   adjust the size of my monitor display

{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',`Synchronization');CW(`subcon')}   adjust the synchronization of my monitor display

{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

Setup

To install a new display driver

1 Click here ■ to view Display Properties.

2 Click the Settings tab.

3 Click Change Display Type.
   or
   On some systems, click Advanced Properties.

4 In the Adapter Type area, click Change.
   or
   On some systems, click the Adapter tab, then click Change.

5 Click Have Disk.

6 To install from CD-ROM or diskette:
   Insert the ATI Installation CD-ROM or diskette and type the following:

   D:\WIN9X\ATIDRIVE (Where **D** 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 OK.

   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 Apply 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.

Setup

To select a monitor

1 Click Change Display Type.
   or
   On some systems, click Advanced Properties.

2 In the Monitor Type area, click Change.
   or
   On some systems, click the Monitor tab, then click Change.

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 OK.

6 Click Close.

7 Click Apply to save changes.

8 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.

Settings

To change the display driver

1 Click here to view Display Properties.
2   Click the Settings tab.
3   Click Change Display Type.
   or
   On some systems, click Advanced Properties.

4 In the Adapter Type area, click Change.
   or
   On some systems, click the Adapter tab, then click Change.

5 Click Have Disk.

6 To install from CD-ROM or diskette:
   Insert the ATI Installation CD-ROM or diskette and type the following:

   D:\WIN9X\ATIDRIVE (Where **D** 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 OK.

   The display driver files are copied to your computer.

8 Click Close.

9 Click Apply to save changes, then click Yes to restart Windows.

{button ,AL(`settings')} <u>Related Topics</u>

Settings

To select a monitor

1 Click here to view Display Properties.

2 Click the Settings tab.

3 Click Change Display Type.
   or
   On some systems, click Advanced Properties.

4 In the Monitor Type area, click Change.
   or
   On some systems, click the Monitor tab, then click Change.

5 Click Show all devices.

6 In the Manufacturer's box, select the appropriate monitor manufacturer.

7 In the Models box, select the model that matches your hardware (refer to the manufacturer specifications if you need help).

8 Click OK, then click Close.

9 Click OK to save changes and close Display properties.

{button ,AL(`settings')} <u>Related Topics</u>

This macro selects the Monitor Screen Position file to display based on the help file(s) detected.

Monitor Adjustment

To adjust your monitor screen position

1 Click here ⬕ to view Display Properties.
2   Click the Adjustment tab.
3   Click one of the four position arrows in the Screen Position area to change your screen position.
         The four position arrows shift your display left, right, up, or down.
4   Click OK or Apply to save the changes you have made.

_____

{button ,AL(`adjustment')} <u>Related Topics</u>

Monitor Adjustment

To adjust your monitor screen position

1 Click here ![icon] to view Display Properties.
2   Click the Displays tab.
3   Click the Monitor button.
         Your monitor must be enabled before you can change its display properties. Click here for more information.
4   Click the Adjustment tab.
5   Click one of the four position arrows in the Screen Position area to change your screen position.
         The four position arrows shift your display left, right, up, or down.

6 Click OK or Apply to save the changes you have made.

{button ,AL(`adjustment')} Related Topics

This macro selects the Monitor Screen Size file to display based on the help file(s) detected.

Monitor Adjustment

To adjust your monitor screen size

1 Click here to view Display Properties.
2   Click the Adjustment tab.
3   Click the (+) and (-) buttons in the Vertical/Horizontal Screen area to change your screen size.
        The (+) and (-) buttons under Vertical Screen increase/decrease the vertical size of your monitor display.
    The (+) and (-) buttons under Horizontal Screen increase/decrease the horizontal size of your monitor display.

4 Click OK or Apply to save the changes you have made.

{button ,AL(`adjustment')} <u>Related Topics</u>

Monitor Adjustment

To adjust your monitor screen size

1 Click here ■ to view Display Properties.
2   Click the Displays tab.
3   Click the Monitor button.
         Your monitor must be enabled before you can change its display properties. <u>Click here</u> for more
information.
4   Click the Adjustment tab.
5   Click the (+) and (-) buttons in the Vertical/Horizontal Screen area to change your screen size.
         The (+) and (-) buttons under Vertical Screen increase/decrease the vertical size of your monitor display.
    The (+) and (-) buttons under Horizontal Screen increase/decrease the horizontal size of your monitor display.

6 Click OK or Apply to save the changes you have made.

Note

■ Size controls are not available if you have both a monitor and TV enabled.

{button ,AL(`adjustment')} <u>Related Topics</u>

Monitor Adjustment

To adjust your monitor screen size

1 Click here ![icon] to view Display Properties.
2   Click the Displays tab.
3   Click the Monitor button.
         Your monitor must be enabled before you can change its display properties. <u>Click here</u> for more information.
4   Click the Adjustment tab.
5   Click the (+) and (-) buttons in the Vertical/Horizontal Screen area to change your screen size.
         The (+) and (-) buttons under Vertical Screen increase/decrease the vertical size of your monitor display.
     The (+) and (-) buttons under Horizontal Screen increase/decrease the horizontal size of your monitor display.

6 Click OK or Apply to save the changes you have made.

Note

![icon]   Size controls are not available if both a monitor and TV are set to the same <u>display mode</u>. <u>Click here</u> for information on how to change display modes.

{button ,AL(`adjustment')} <u>Related Topics</u>

This macro selects the Monitor Synchronization file to display based on the help file(s) detected.

Monitor Advanced

To adjust your monitor synchronization

1 Click here to view Display Properties.
2   Click the Advanced tab.
3   In the Synchronization box, click the Horizontal or Vertical buttons to adjust synchronization.
           The button labels switch between (+) and (-) to indicate whether .
4   Click OK or Apply to save the changes you have made.

{button ,AL(`adjustment')} Related Topics

Monitor Advanced

To adjust your monitor synchronization

1 Click here to view Display Properties.
2   Click the Displays tab.
3   Click the Monitor button.
         Your monitor must be enabled before you can change its display properties. <u>Click here</u> for more information.
4   Click the Advanced tab.
5   In the Synchronization box, click the Horizontal or Vertical buttons to adjust synchronization.
6   Click OK or Apply to save the changes you have made.

{button ,AL(`adjustment')} <u>Related Topics</u>

This macro selects the Monitor Screen Size/Position Defaults file to display based on the help file(s) detected.

Monitor Adjustment

To reset your monitor screen size and position to default values

1 Click here to view Display Properties.
2   Click the Adjustment tab.
3   Click the Defaults button.
4   Click OK or Apply to save the changes you have made.

{button ,AL(`adjustment')} Related Topics

Monitor Adjustment

To reset your monitor screen size and position to default values

1 Click here to view Display Properties.
2   Click the Displays tab.
3   Click the Monitor button.
         Your monitor must be enabled before you can change its display properties. <u>Click here</u> for more information.
4   Click the Adjustment tab.
5   Click the Defaults button.
6   Click OK or Apply to save the changes you have made.

{button ,AL(`adjustment')} <u>Related Topics</u>

This macro selects the Monitor Screen Synchronization Defaults file to display based on the help file(s) detected.

Monitor Advanced

To reset your monitor screen synchronization to default values

1 Click here ⬛ to view Display properties.
2   Click the Advanced tab.
3   Click the Defaults button.
4   Click OK or Apply to save the changes you have made.

{button ,AL(`adjustment')} <u>Related Topics</u>

Monitor Advanced

To reset your monitor screen synchronization to default values

1 Click here ⬛ to view Display properties.
2   Click the Displays tab.
3   Click the Monitor button.
         Your monitor must be enabled before you can change its display properties. <u>Click here</u> for more information.
4   Click the Advanced tab.
5   Click the Defaults button.
6   Click OK or Apply to save the changes you have made.

{button ,AL(`adjustment')} <u>Related Topics</u>

Troubleshooting

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

{button ,JI(`',`TROUBLE_faqs')}   Troubleshooting FAQs

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

{button ,JI(`',`TROUBLE_technical_support')}   Technical Support

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 95 installation disks, using the following steps:

1 Click here to view Display properties.

2 Click the Settings tab.

3 Click Change Display Type.
  or
  On some systems, click Advanced Properties.

4 In the Adapter Type area, click Change.
  or
  On some systems, click the Adapter tab, then click Change.

5 If it is not selected already, click Show all devices.

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 OK, then click Close.

9 Click Apply to save changes, 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.

Technical 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 The Computer.

   or

   If the system is locked up, press CTRL+ALT+DEL, or press the computer's reset button, to restart the computer.

3 When you see the message "Starting Windows 95", press F8.

4 To start Windows without network support, choose Safe Mode.

   To start Windows with network support, choose Safe Mode With Network Support.

   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

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Frequently Asked Questions

{button ,JI(`',`DPMS_support')}   Does Windows 95 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 95?

{button ,JI(`',`MPEG_videos')}   What do I need to play MPEG videos under Windows 95?

{button ,JI(`',`UNINSTALL_drivers')}   How can I uninstall the enhanced ATI drivers?

{button ,JI(`',`TaskbarIcon')}   What is the ATI Taskbar icon for?

Does Windows 95 have DPMS support?

ATI's 3D RAGE and RAGE 128 based products all support DPMS.

To enable DPMS support

1 Click here to view Display properties.

2 Click the Settings tab.

3 Click Advanced Properties.

4 Click the Monitor tab, then click Change.

5 Click the Screen Saver tab.

6 In the Energy saving features of monitor area, check the Low-power standby box.

7 Enter the time after which the monitor will enter standby mode.

8 In the Energy saving features of monitor area, check the Shut off monitor box.

9 Enter the time after which the monitor will shut off.

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 95?

Yes. Our 3D RAGE and RAGE 128 based products which have built-in DDC-1 and DDC-2b support will still operate with all versions of the Windows 95 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 95?

ATI offers a multimedia player designed for the 3D RAGE PRO and RAGE 128 based graphics accelerator products for use under Windows 95. 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?

ATI's drivers do not have the built-in ability to be uninstalled. However, users of Windows 95 who have installed the Microsoft Plus! software (available from Microsoft as an add-on program) prior to the video driver installation, can go into the Control Panel, click Add/Remove Programs, and the driver installation will be listed on the lower menu. Select this and the driver will be removed, and your system will be reset to the driver that Windows 95 detected upon initial installation.

Note

To *change* display drivers, click here
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Click this button to increase the list of refresh rates on the Adapter tab to include all those supported by the current display adapter.

Displays an icon illustrating the size and position of your monitor display.

Positions your monitor display.

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

 Shortcuts: Alt in combination with J, K, I, or M.

Adjusts the size of your monitor display.

 The (+) and (-) buttons under Vertical Screen Size increase/decrease the vertical size of your display. Shortcuts: Alt in combination with **=** (equals) or **-** (dash).

 The (+) and (-) buttons under Horizontal Screen Size increase/decrease the horizontal size of your display. Shortcuts: Alt in combination with] or [.

Click this button to reset your monitor screen size and position to default values.

Adjusts the Horizontal, Vertical and Composite synchronization of your monitor. Consult your monitor specifications for the recommended settings.

Clicking the Horizontal or Vertical buttons adjusts synchronization.
Clicking the Composite button toggles the composite sync on and off.

Clicking this button adjusts horizontal synchronization.

Clicking this button adjusts vertical synchronization.

Clicking this button toggles the composite sync on and off.

Click this button to reset monitor synchronization to default values.

Screen Resolution

Screen Resolution is the number of <u>pixels</u> 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 number of bits associated with each pixel to represents 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

Display Data Channel

A data channel used by newer monitors which communicates a monitor's properties (such as maximum resolution and refresh rate) to the associated video adapter. This helps the system present valid options to the user for configuring the display.

Your graphics accelerator allows you to display on-screen contents in distinct display modes, having distinct resolutions and refresh rates.

Placing a check here will optimize your OpenGL settings for quality. Further refinements can be made by adjusting your OpenGL Settings controls.

Placing a check here will optimize your OpenGL settings for performance. Further refinements can be made by adjusting your OpenGL Settings controls.

Placing a check here may increase performance for games that make heavy use of textures, but could also reduce image quality.

Placing a check here enables rapid updates of those portions of your screen that have been moved.

Placing a check here may remove certain onscreen artifacts that are sometimes produced when both dithering and alpha blending are enabled.

Placing a check here will lower the frames per second rate in full screen games but reduce the image tearing that can occur with higher frame rates.

Placing a check here will enable hardware acceleration of page flipping to swap full screen buffers.

Selecting higher values for subpixel precision will result in greater image accuracy but may cause a slight drop in performance.

The Sharp setting is recommended for larger, more detailed, mipmapped scenes.

The Fuzzy setting is recommended for smaller, less detailed, mipmapped scenes.

Placing a check here will lower the frames per second rate in full screen games but reduce the image tearing that can occur with higher frame rates.

Placing a check here will provide smooth object edges but cause some drop in performance.

Placing a check here will cause a drop in performance. You should activate this feature only if the game you are running cannot use other texture formats.

The recommended setting for this feature is 32. Select a lower value only if your application encounters difficulties at this setting.

This macro selects the Display Properties file to display based on the help file(s) detected.

Display Properties

The following Display Properties pages have been added or modified to support the new enhanced display driver utilities:

- Color page – for correcting color tonal differences between real color values and the way your monitor displays them.
- Advanced page – for adjusting the size and position of your monitor's image.
- Adjustment page – for adjusting your monitor's horizontal and vertical synchronization controls.

Display Properties

The following Display Properties pages have been added or modified to support the new enhanced display driver utilities:

Color page – for correcting color tone differences between real color values and the way your monitor or flat panel displays them.

Displays page – for enabling/disabling your display device; for launching various properties pages associated with your display device; and for storing various displays schemes for easy recall later.

Display-Dependent Properties pages – for making advanced adjustments to your display devices – for example, adjusting the size and position of your monitor display.

Note

The Display-Dependent Properties pages are accessed through the Displays page.

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
- **Schemes**—select a previously-saved displays scheme
- **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 this icon.

Device Manager

The following display adapter <u>Device Manager</u> page has been added to support the new enhanced display driver utilities:

Diagnostics page - provides a list of various diagnostic tests which can be performed on your graphics accelerator.

Desktop

Your Windows desktop is equipped with Smart View. This feature attempts to set up an optimal display area for each display device set to a particular display mode (i.e., resolution and refresh rate). Some of the benefits of Smart View include:

- automatically resizing the desktop area to follow changes in source image size.
- shows the full desktop area whenever possible.
- automatically goes in and out of panning mode whenever required by display device limitations.
- display devices do not need to turn off when the size of the desktop exceeds the maximum resolution for that device.

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.

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 display adapter), 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 graphics accelerator hardware configuration (through the Device Manager). To display the System Properties, double-click the System icon in the Control Panel.