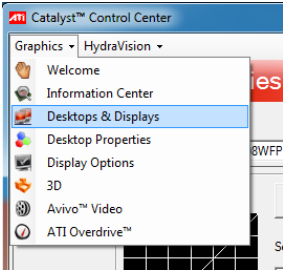

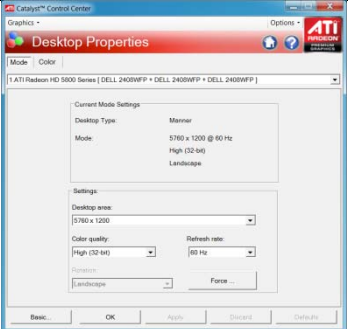

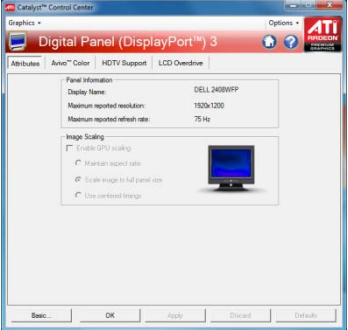


# Using ATI Catalyst™ Control Center to Configure Desktops & Displays


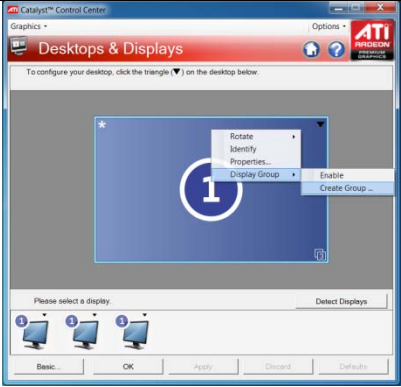
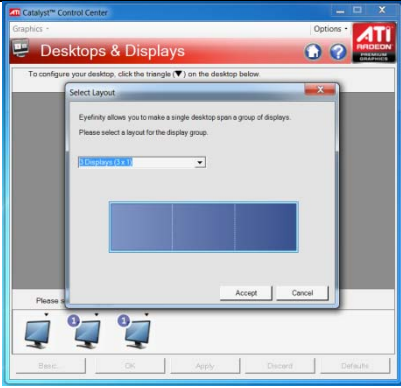

The following general instructions apply using CCC to configure displays.

1	<p>The ATI Catalyst Control Center (CCC) Desktops &amp; Displays manager is used to configure ATI Eyefinity settings.</p> 	 <p>CCC with one display enabled.</p>
2	<p>Right clicking on the desktop image (upper area) or clicking on the triangle in the Desktop allows you to configure desktop properties including the display mode, rotation and desktop color.</p>	
2	<p>Right clicking on the display icon (lower area) of a disabled display allows you to</p> <ul style="list-style-type: none"> <li>• Enable a display in duplicate mode.</li> <li>• Extend the desktop onto the display.</li> <li>• Replace an active display with this display.</li> </ul>	
4	<p>Right clicking on the display icon (lower area) of an enabled display allows you to</p> <ul style="list-style-type: none"> <li>• Disable a display</li> <li>• Identify a display</li> <li>• Access display properties like display specific color and scaling</li> </ul>	

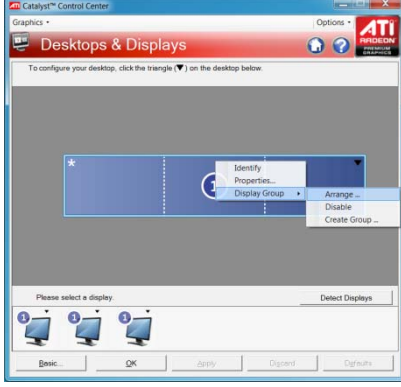
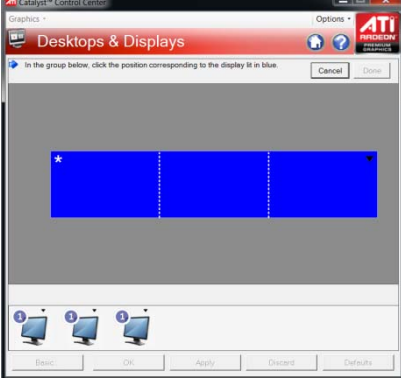
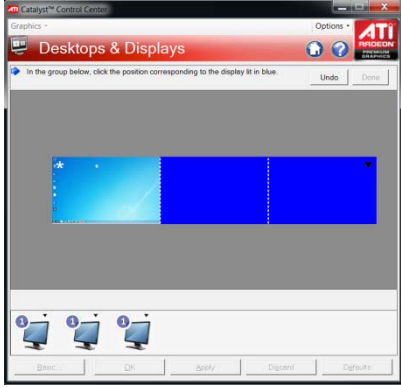
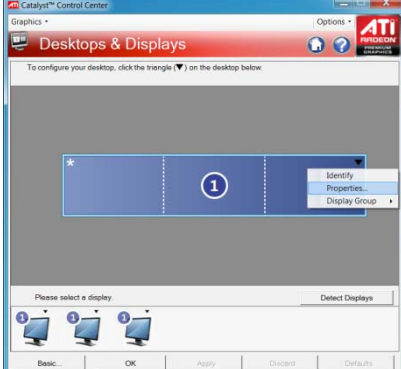


# Using ATI Eyefinity Technology

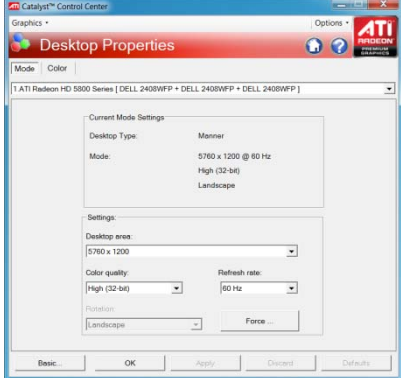
## Creating a 3x1 Display Group – Landscape Mode

<p>1</p>	<p><b>First steps</b></p> <p>With three or more displays connected right click on the desktop or click on the black triangle  to access the context menu. Select the “Create Group” menu option.</p> <p>If you have other desktops enabled you will see a pop-up dialog offering to disable those other desktops in order to allow additional group layouts. Select “Yes”.</p>	
<p>2</p>	<p><b>Selecting the ATI Eyefinity Group Layout</b></p> <p>The “Select Layout” dialog is shown allowing you to choose the desired arrangement. Only arrangements possible based on the currently detected displays are shown. Choose the 3x1 layout from the drop-down.</p> <p>The selected layout is previewed in the dialog below the drop down. Click on “Accept”.</p>	
<p>3a</p>	<p><b>Automatically Adding Displays to the Group</b></p> <p>If the number of available displays matches the number required to create the selected layout (three in this case), then CCC automatically selects all of the displays and enables the group. Skip to step 4.</p>	
<p>3b</p>	<p><b>Adding Displays to an ATI Eyefinity Group</b></p> <p>Select the displays that you wish to use for this group by clicking on the icons in the display area (lower part of the UI). Displays can be added or removed as needed by clicking on them. After each display is added it is enabled in duplicate (clone) mode. Once you have enabled enough displays click on the “Next” button.</p>	




<p>4</p>	<p><b>Arranging Displays</b></p> <p>To arrange the displays in your group there is no need to physically move or re-cable your displays. A wizard is provided to arrange the display surfaces included in your Display Group.</p> <p>Once the group is created, CCC automatically starts the wizard. If the arrangement is already correct, click “Yes” and skip to step 7, otherwise click “No” to start the arrangement wizard.</p>	
<p>5</p>	<p>The wizard will black out all of the displays in the group. The CCC UI will show a grid that represents the Display Group layout you have created. CCC then highlights each display in turn by switching it from black to blue. Click on the corresponding cell in the CCC UI to the one that is highlighted.</p>	
<p>6</p>	<p>Progress through each display one at a time until the Display Group is shown with your desktop properly organized on the group. Click “Done”.</p>	
<p>7</p>	<p><b>Changing Display Mode</b></p> <p>To change the resolution of the Display Group click on the triangle for the surface options, then select Properties to bring up the CCC Desktop Properties and Mode settings.</p>	




8	<p>The Display Group you've just configured will add new very large resolutions, with the maximum resolution being the highest possible combined resolution of all your attached monitors based on what they report to the graphics adapter. The other two resolutions are medium and small Display Group surfaces also based on the resolutions supported by the attached monitors.</p>	
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## Using ATI Eyefinity Technology Creating a 3x1 Display Group – Portrait Mode

1	<p>An ATI Eyefinity Display Group always has all of its displays in the same orientation. To create a group using 3 portrait mode displays (displays rotated 90°), start by first rotating the initial display by 90°. Choose the Rotate option from the desktop context menu to put the desktop in portrait mode.</p> <p>Follow the steps above for creating a 3x1 Display Group.</p>	
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## Remembering a Display Group / Configuration

1	<p>If you are working with different Display Group combinations or need to quickly move between an enabled Display Group and some other display configuration, the best approach is to create a CCC Profile to save your configuration.</p> <p>Click on the Options menu next to the logo at the top of the CCC UI and select the Profile Manager.</p>	
2	<p>Enter a name and description for this configuration.</p>	
3	<p>Select "all Catalyst Control Center settings" in the "Composition" tab.</p>	
4	<p>If desired, create a Hotkey in the "Activation" tab.</p>	
5	<p>Click on save to create the profile and Close to close the Profile manager dialog.</p>	
6	<p>When desired, switch to this configuration using the hot key or through the options menu in the CCC UI.</p>	



## Creating Different Display Groups

Most users are expected to physically configure a display group only once and then enable it when needed. For restoring an earlier display configuration the steps described in the previous section “Remembering a Display Group / Configuration” are very useful.

In order to create a new group with fewer displays than the current grouping you must first disable the group as described below and then disable at least one of the duplicated displays by right clicking on its icon and selecting the disable option from the menu.

## Other Display Group Actions

With an ATI Eyefinity Display Group created, the desktop context menu includes a “Group” sub-menu that includes a number of actions:

1. Arrange

Allows you to re-run the arrangement wizard in case the displays have been moved or the cables have been reconnected in a different order.

2. Disable

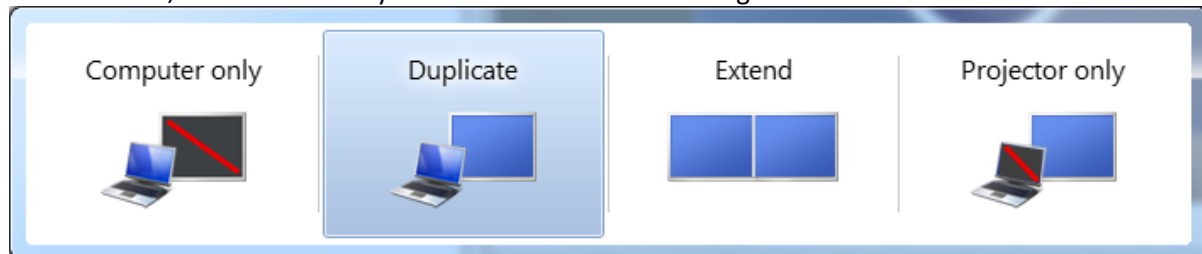
Allows you to disable the group. All displays in the group will convert to duplicate (clone) mode.

3. Create

Allows you to create a new group with a different layout starting from the displays in the current group. Only layouts that include all of the current displays with the optional addition of other available displays can be created in this way.

## Windows 7 Controls

In Windows 7, the Windows Key + ‘P’ shortcut invokes a dialog to switch between various modes.



The Windows 7 UI only supports configuring 2 displays in duplicate mode. Windows 7 will show a Display Group as two displays in duplicate mode. To configure ATI Eyefinity, the CCC Desktops & Displays page must be used.



# Using ATI Eyefinity Technology

## Example Extended and Duplicated Configurations

Example: Six monitors enabled in Duplicate mode.

*Note: The double square icon in the lower right corner of the desktop includes a number when 3 or more displays are combined in Duplicate mode.*



Example: Two monitors enabled in Extended mode



Example: Six monitors enabled in Extended mode

