## Adjusting the screen resolution

Due to the nature of liquid crystal display (LCD) technology, the picture resolution is always fixed. For the best display performance, please set the display to its maximum resolution that is the same with the monitor aspect ratio. This is called "Native Resolution" or maximal resolution that is, the clearest picture. Please refer to the table below for the native resolution of your LCD. Lower resolutions are displayed on a full screen through an interpolation circuit. Image blurring across pixel boundaries can occur with the interpolated resolution depending upon the image type and its initial resolution.



To find out the monitor aspect ratio and native resolution of the purchased model, please check the Specification on the website.



- To take full advantage of LCD technology you should select the native resolution setting of your PC screen as described below. Be aware that not all PC video cards provide this resolution value. If yours doesn't, check with the video card manufacturer's website for an updated driver for your particular model PC video card which supports this resolution. Software video drivers are often updated and available for new hardware video resolutions. If necessary, you may need to replace and update the PC video card hardware to be able to support the native resolution of the monitor.
- · Depending on the operating system on your PC, different procedures should be followed to adjust the screen resolution. Refer to the help document of your operating system for details.
- 1. Open **Display Properties** and select the **Settings** tab.

You can open Display Properties by right-clicking on the Windows desktop and selecting Properties from the pop-up menu.

- 1. Use the slider in the **Screen area** section to adjust the screen resolution.
  - Select the recommended resolution (maximum resolution) then click **Apply**.



If you select some other resolution, be aware that this other resolution is interpolated and may not accurately display the screen image as well as it could do at the native resolution setting.

- 1. Click OK then Yes.
- 2. Close the **Display Properties** window.

If your input source does not provide an image which is the same with the monitor aspect ratio, the displayed image may appear stretched or distorted. To maintain the original aspect ratio, image scaling options can be found in the **Display Mode** adjustment. See the user manual for more information.

## Adjusting the screen refresh rate

You don't have to choose the highest possible refresh rate on an LCD display, because it is not technically possible for an LCD display to flicker. The best results are obtained by using the factory modes already set in your computer. Check next chapter to see the factory modes: Preset display models on page 2.



Depending on the operating system on your PC, different procedures should be followed to adjust the screen resolution. Refer to the help document of your operating system for details.

- 1. Double click the **Display** icon in **Control Panel**.
- 2. From the **Display Properties** window, select the **Settings** tab and click the **Advanced** button.
- 3. Select the Adapter tab, and select an appropriate refresh rate to match one of the applicable factory modes as listed in the specification table.

- 4. Click Change, OK, then Yes.
- 5. Close the **Display Properties** window.

# Preset display models

#### XL2546X

PC / Video signal support   DisplayPort   HDMI 2.0	XL2546X timing support							
Resolution	PC / Video signal support		Input port					
PC timing   Video timing   Video timing   PC timing   Video timi	Resolution		Disp	layPort	HDMI 2.0			
640x480 4:3 60 V V V V C C C C C C C C C C C C C C C			PC timing	Video timing	PC timing	Video timing		
640x480	640x480	60	V		V			
720x400         70         V         V           720x480 4:3         60         V         V           720x480 16:9         60         V         V           720x576 4:3         50         V         V           720x576 16:9         50         V         V           800x600         60         V         V           800x600         75         V         V           832x624         75         V         V           1024x768         60         V         V           1024x768         60         V         V           1024x768         240         V         V           1152x870         75         V         V           1280x720         50         V         V           1280x720         50         V         V           1280x720         60         V         V           1280x960         240         V         V           1280x1024         60         V         V           1280x1024         75         V         V           1280x1024         75         V         V           1280x1024         120         V </td <td>640x480 4:3</td> <td>60</td> <td></td> <td>V</td> <td></td> <td>V</td>	640x480 4:3	60		V		V		
720x480 4:3 60 V V V V 720x480 16:9 60 V V V V V V 720x576 4:3 50 V V V V V V V V V V V V V V V V V V	640x480	75	V		V			
720x480 16:9         60         V         V           720x576 4:3         50         V         V           720x576 16:9         50         V         V           800x600         60         V         V           80x600         75         V         V           832x624         75         V         V           1024x768         60         V         V           1024x768         75         V         V           1024x768         240         V         V           1152x870         75         V         V           1280x720         50         V         V           1280x720         60         V         V           1280x800         60         V         V           1280x800         60         V         V           1280x1024         60         V         V           1280x1024         75         V	720x400	70	V		V			
T20x576 4:3   50	720x480 4:3	60		V		V		
720x576 16:9         50         V         V           800x600         60         V         V           800x600         75         V         V           80x624         75         V         V           1024x768         60         V         V           1024x768         75         V         V           1024x768         240         V         V           1280x768         75         V         V           1280x720         50         V         V           1280x720         50         V         V           1280x800         60         V         V           1280x960         240         V         V           1280x1024         60         V         V           1280x1024         75         V         V           1280x1024         120         V         V           1280x1024         120         V         V           720(1440)x480i 4:3         60         V         V           720(1440)x480i 4:3         60         V         V           720(1440)x576i 16:9         50         V         V           1600x900         6	720x480 16:9	60		V		V		
800x600         60         V         V           800x600         75         V         V           832x624         75         V         V           1024x768         60         V         V           1024x768         75         V         V           1024x768         240         V         V           1152x870         75         V         V           1280x720         50         V         V           1280x800         60         V         V           1280x800         60         V         V           1280x1024         60         V         V           1280x1024         60         V         V           1280x1024         75         V         V           1280x1024         75         V         V           1280x1024         120         V         V           720(1440)x480i 4:3         60         V         V           720(1440)x576i 4:3         50         V         V           720(1440)x576i 16:9         50         V         V           1680x1050         60         V         V         V           1920x1080 </td <td>720x576 4:3</td> <td>50</td> <td></td> <td>V</td> <td></td> <td>V</td>	720x576 4:3	50		V		V		
800x600         75         V         V           832x624         75         V         V           1024x768         60         V         V           1024x768         75         V         V           1024x768         240         V         V           1152x870         75         V         V           1280x720         50         V         V           1280x20         60         V         V           1280x800         60         V         V           1280x960         240         V         V           1280x1024         60         V         V           1280x1024         60         V         V           1280x1024         75         V         V           1280x1024         75         V         V           1280x1024         120         V <td>720x576 16:9</td> <td>50</td> <td></td> <td>V</td> <td></td> <td>V</td>	720x576 16:9	50		V		V		
832x624         75         V         V           1024x768         60         V         V           1024x768         75         V         V           1024x768         240         V         V           1152x870         75         V         V           1280x720         50         V         V           1280x720         60         V         V           1280x800         60         V         V           1280x960         240         V         V           1280x1024         60         V         V           1280x1024         75         V         V           720(1440)x480i343         60         V         V           720(1440)x576i43         50         V         V           720(1440)x576i43         50         V         V           1680x1050         60         V         V           1680x1050         240 <td>800x600</td> <td>60</td> <td>V</td> <td></td> <td>V</td> <td></td>	800x600	60	V		V			
1024x768	800x600	75	V		V			
1024x768	832x624	75	V		V			
1024x768	1024x768	60	V		V			
1152x870	1024x768	75	V		V			
1280x720         50         V         V         V           1280x720         60         V         V         V         V           1280x800         60         V         V         V         V           1280x960         240         V         V         V         V           1280x1024         60         V         V         V         V           1280x1024         75         V         V         V         V           720(1440)x480i 4:3         60         V         V         V         V           720(1440)x480i 16:9         60         V         <	1024x768	240	V					
1280x720         60         V         V         V         V           1280x800         60         V         V         V           1280x960         240         V         V         V           1280x1024         60         V         V         V           1280x1024         75         V         V         V           720(1440)x480i 4:3         60         V         V         V           720(1440)x480i 16:9         60         V         V         V           720(1440)x576i 4:3         50         V         V         V           1600x900         60         V         V         V           1680x1050         60         V         V         V           1920x1080         24         V         V         V           1920x1080         25         V         V         V           1920x1080         50         V         V         V           1920x1080         60         V         V         V           1920x1080         60         V         V         V           1920x1080         60         V         V         V           1920x1080 </td <td>1152x870</td> <td>75</td> <td>V</td> <td></td> <td>V</td> <td></td>	1152x870	75	V		V			
1280x800         60         V         V           1280x960         240         V         V           1280x1024         60         V         V           1280x1024         75         V         V           1280x 1024         120         V         V           720(1440)x480i 4:3         60         V         V           720(1440)x480i 16:9         60         V         V           720(1440)x576i 4:3         50         V         V           720(1440)x576i 16:9         50         V         V           1600x900         60         V         V           1680x1050         60         V         V           1920x1080         240         V         V           1920x1080         25         V         V           1920x1080         30         V         V           1920x1080         50         V         V         V           1920x1080         60         V         V         V           1920x1080         100         V         V         V           1920x1080         100         V         V         V           1920x1080         120 <td>1280x720</td> <td>50</td> <td></td> <td>V</td> <td></td> <td>V</td>	1280x720	50		V		V		
1280x960         240         V         V           1280x1024         60         V         V           1280x1024         75         V         V           1280x 1024         120         V         V           720(1440)x480i 4:3         60         V         V           720(1440)x576i 4:3         50         V         V           720(1440)x576i 16:9         50         V         V           1600x900         60         V         V           1680x1050         60         V         V           1920x1080         240         V         V           1920x1080         25         V         V           1920x1080         30         V         V           1920x1080         50         V         V         V           1920x1080         60         V         V         V         V           1920x1080         60         V         V         V         V           1920x1080         100         V         V         V         V           1920x1080         120         V         V         V         V           1920x1080         120         V <td>1280x720</td> <td>60</td> <td>V</td> <td>V</td> <td>V</td> <td>V</td>	1280x720	60	V	V	V	V		
1280x1024         60         V         V           1280x1024         75         V         V           1280x 1024         120         V         V           720(1440)x480i 4:3         60         V         V           720(1440)x480i 16:9         60         V         V           720(1440)x576i 4:3         50         V         V           720(1440)x576i 16:9         50         V         V           1600x900         60         V         V           1680x1050         60         V         V           1680x1050         240         V         V           1920x1080         24         V         V           1920x1080         25         V         V           1920x1080         50         V         V           1920x1080         60         V         V         V           1920x1080         60         V         V         V           1920x1080         100         V         V         V           1920x1080         120         V         V         V           1920x1080         120         V         V         V	1280x800	60	V		V			
1280x1024         75         V         V           1280x 1024         120         V         V           720(1440)x480i 4:3         60         V         V           720(1440)x576i 4:3         50         V         V           720(1440)x576i 16:9         50         V         V           1600x900         60         V         V           1680x1050         60         V         V           1880x1050         240         V         V           1920x1080         24         V         V           1920x1080         25         V         V           1920x1080         30         V         V           1920x1080         50         V         V         V           1920x1080         60         V         V         V         V           1920x1080         100         V         V         V         V           1920x1080         100         V         V         V         V           1920x1080         120         V         V         V         V           1920x1080         120         V         V         V         V	1280x960	240	V		V			
1280x 1024         120         V         V           720(1440)x480i 4:3         60         V         V           720(1440)x480i 16:9         60         V         V           720(1440)x576i 4:3         50         V         V           720(1440)x576i 16:9         50         V         V           1600x900         60         V         V           1680x1050         60         V         V           1680x1050         240         V         V           1920x1080         24         V         V           1920x1080         25         V         V           1920x1080         30         V         V           1920x1080         50         V         V         V           1920x1080         60         V         V         V         V           1920x1080         100         V         V         V         V           1920x1080         120         V         V         V         V           1920x1080         120         V         V         V         V	1280x1024	60	V		V			
720(1440)x480i 4:3         60         V         V           720(1440)x480i 16:9         60         V         V           720(1440)x576i 4:3         50         V         V           720(1440)x576i 16:9         50         V         V           1600x900         60         V         V           1680x1050         60         V         V           1920x1080         240         V         V           1920x1080         24         V         V           1920x1080         25         V         V           1920x1080         30         V         V           1920x1080         50         V         V         V           1920x1080         60         V         V         V           1920x1080         100         V         V         V           1920x1080         120         V         V         V	1280x1024	75	V		V			
720(1440)x480i 16:9         60           720(1440)x576i 4:3         50         V           720(1440)x576i 16:9         50         V           1600x900         60         V         V           1680x1050         60         V         V           1680x1050         240         V         V           1920x1080         24         V         V           1920x1080         25         V         V           1920x1080         30         V         V           1920x1080         50         V         V         V           1920x1080         60         V         V         V         V           1920x1080         100         V         V         V         V           1920x1080         100         V         V         V         V           1920x1080         120         V         V         V         V	1280x 1024	120	V		V			
720(1440)x576i 4:3         50         V           720(1440)x576i 16:9         50         V           1600x900         60         V         V           1680x1050         60         V         V           1680x1050         240         V         V           1920x1080         24         V         V           1920x1080         25         V         V           1920x1080         30         V         V           1920x1080         50         V         V         V           1920x1080         60         V         V         V           1920x1080         100         V         V         V           1920x1080         120         V         V         V           1920x1080         120         V         V         V	720(1440)x480i 4:3	60		V		V		
720(1440)x576i 16:9         50         V           1600x900         60         V         V           1680x1050         60         V         V           1680x1050         240         V         V           1920x1080         24         V         V           1920x1080         25         V         V           1920x1080         30         V         V           1920x1080         50         V         V         V           1920x1080         60         V         V         V         V           1920x1080i         60         V         V         V         V           1920x1080         100         V         V         V         V           1920x1080         120         V         V         V         V	720(1440)x480i 16:9	60						
1600x900         60         V         V           1680x1050         60         V         V           1680x1050         240         V         V           1920x1080         24         V         V           1920x1080         25         V         V           1920x1080         30         V         V           1920x1080         50         V         V           1920x1080         60         V         V         V           1920x1080i         60         V         V         V           1920x1080         100         V         V         V           1920x1080         120         V         V         V           1920x1080         144         V         V         V		50		V				
1680x1050         60         V         V           1680x1050         240         V         V           1920x1080         24         V         V           1920x1080         25         V         V           1920x1080         30         V         V           1920x1080         50         V         V         V           1920x1080         60         V         V         V         V           1920x1080i         60         V         V         V         V           1920x1080         100         V         V         V         V           1920x1080         120         V         V         V         V	720(1440)x576i 16:9	50		V				
1680x1050         240         V           1920x1080         24         V         V           1920x1080         25         V         V           1920x1080         30         V         V           1920x1080         50         V         V         V           1920x1080         60         V         V         V         V           1920x1080i         60         V         V         V         V           1920x1080         100         V         V         V         V           1920x1080         120         V	1600x900	60	V		V			
1920x1080         24         V         V           1920x1080         25         V         V           1920x1080         30         V         V           1920x1080         50         V         V           1920x1080         60         V         V         V           1920x1080i         60         V         V         V           1920x1080         100         V         V         V           1920x1080         120         V         V         V           1920x1080         144         V         V	1680x1050	60	V		V			
1920x1080         25         V           1920x1080         30         V           1920x1080         50         V         V           1920x1080         60         V         V         V           1920x1080i         60         V         V         V           1920x1080         100         V         V         V           1920x1080         120         V         V         V           1920x1080         144         V         V         V	1680x1050	240	V					
1920x1080         25         V           1920x1080         30         V           1920x1080         50         V         V           1920x1080         60         V         V         V           1920x1080i         60         V         V         V           1920x1080         100         V         V         V           1920x1080         120         V         V         V           1920x1080         144         V         V         V	1920x1080	24		V		V		
1920x1080         50         V         V           1920x1080         60         V         V         V           1920x1080i         60         V         V         V           1920x1080         100         V         V         V           1920x1080         120         V         V         V           1920x1080         144         V         V	1920x1080	25		V				
1920x1080         60         V         V         V         V           1920x1080i         60         V         V         V           1920x1080         100         V         V         V           1920x1080         120         V         V         V           1920x1080         144         V         V         V	1920x1080			V				
1920x1080         60         V         V         V         V           1920x1080i         60         V         V         V           1920x1080         100         V         V         V           1920x1080         120         V         V         V           1920x1080         144         V         V         V	1920x1080	50		V		V		
1920x1080i         60         V         V           1920x1080         100         V         V           1920x1080         120         V         V           1920x1080         144         V			V	V	V	V		
1920x1080         120         V         V           1920x1080         144         V	1920x1080i	60		V		V		
1920x1080         120         V         V           1920x1080         144         V				V		V		
1920x1080 144 V				V		V		
					V			
1920x1080   240   V   V	1920x1080	240	V		V			

## XL2566X+

	XI	_2566X+ Timing	support					
PC / Video si	gnal support		Input port					
Resolution	Resolution Frame frequency		ayPort	HDMI (2.0)				
	(Hz)	PC timing	Video timing	PC timing	Video timing			
640x480	60	V		V				
640x480 4:3	60		V		V			
640x480	75	V		V				
720x400	70	V		V				
720x480 4:3	60		V		V			
720x480 16:9	60		V		V			
720x576 4:3	50		V		V			
720x576 16:9	50		V		V			
800x600	60	V		V				
800x600	75	V		V				
832x624	75	V		V				
1024x768	60	V		V				
1024x768	75	V		V				
1024x768	240	V						
1024x768	400	V						
1152x870	75	V		V				
1280x720	50		V		V			
1280x720	60	V	V	V	V			
1280x800	60	V		V				
1280x960	240	V		V				
1280x960	400	V						
1280x1024	60	V		V				
1280x1024	75	V		V				
1280x 1024	120	V		V				
1280x1024	144							
1280x1024	240							
720(1440)x480i 4:3	60		V		V			
720(1440)x480i 16:9	60		V		V			
720(1440)x576i 4:3	50		V					
720(1440)x576i 16:9	50		V					
1600x900	60	V		V				
1680x1050	60	V		V				
1680x1050	400	V						
1920x1080	24		V		V			
1920x1080	25		V					
1920x1080	30		V					
1920x1080	50		V		V			
1920x1080	60	V	V	V	V			
1920x1080i	60		V		V			
1920x1080	100		V		V			
1920x1080	120		V		V			
1920x1080	144	V		V				

1920x1080	240	V	V	
1920x1080	360	V		
1920x1080	400	V		

## XL2586X

		XL2586	X timing support			
PC / Video sig	ınal support		Input	port		
		D:I		HDMI 2.1		EDID
Resolution	Frame frequency		ayPort			Settings(*)
	(Hz)	PC timing	Video timing	PC timing	Video timing	
640x480	60	V		V		
640x480 4:3	60		V		V	
640x480	75	V		V		
720x400	70	V		V		
720x480 4:3	60		V		V	
720x480 16:9	60		V		V	
720x576 4:3	50		V		V	
720x576 16:9	50		V		V	
800x600	60	V		٧		
800x600	75	V		V		
832x624	75	V		V		
1024x768	60	V		V		
1024x768	75	V		V		
1024x768	240	V				
1024x768	500	V		V		500 Hz
1024x768	540	V		V		540 Hz
1152x870	75	V		V		
1280x720	50		V		V	
1280x720	60	V	V	V	V	
1280x800	60	V		V		
1280x960	240	V		V		
1280x960	500	V		V		500 Hz
1280x960	540	V		V		540 Hz
1280x1024	60	V		V		
1280x1024	75	V		V		
1280x 1024	120	V		V		
1280x1024	144					
1280x1024	240					
720(1440)x480i 4:3	60		V		V	
720(1440)x480i 16:9	60		V		V	
720(1440)x576i 4:3	50		V			
720(1440)x576i 16:9	50		V			
1600x900	60	V		V		
1680x1050	60	V		V		
1680x1050	500	V		V		500 Hz
1920x1080	24		V		V	
1920x1080	25		V			
1920x1080	30		V			
1920x1080	50		V		V	
1920x1080	60	V	V	V	V	
1920x1080i	60		V		V	
1920x1080	100		V		V	
1920x1080	120		V		V	
1920x1080	144	V				
1920x1080	240	V		V		
1920x1080	360	V		V		
1920x1080	500	V		V		500 Hz
1920x1080	540	V		V		540 Hz



- To make sure the above timing works, check the compatibility and specifications of your graphic card first.
- To obtain the best image quality, refer to the above table to set the timing and the resolution of the input source.
- Available timing and resolution vary by device. Refer to "Video timing" for console games, and "PC timing" for PC games.
- \*: To change **EDID Settings** on your monitor, go to **System > Other Settings**. Refer to the user manual of your monitor for more information.