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 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:

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.

Preset display modes on page 2.

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 modes

PC/Video Signal Support		Input		
Resolution	Frame Frequency (Hz)	DP / USB-C™	HDMI 2.1 (**4K Compatible** is disabled)	HDMI 2.1 (**4K Compatible** is enabled)
		Timing	Timing	Timing
640x480	60	V	V	V
640x480	75	V	V	V
720x400	70	V	V	V
720x480	60	V	V	V
720x576	50	V	V	V
800x600	60	V	V	V
800x600	75	V	V	V
832x624	75	V	V	V
1024x768	60	V	V	V
1024x768	75	V	V	V
1024x768	120	V	V	V
1152x870	75	V	V	V
1280x720	50	V	V	V
1280x720	60	V	V	V
1280x800	60	V	V	V
1280x1024	60	V	V	V
1280x1024	75	V	V	V
1280x1024	120	V	V	V
1600x900	60	V	V	V
1680x1050	60	V	V	V
1920x1080	24	V	V	V
1920x1080	25	V	V	V
1920x1080	30	V	V	V
1920x1080	50	V	V	V
1920x1080	60	V	V	V
1920x1080	100	V	V	V
1920x1080	120	V	V	V
1920x1080	240	V	V	V
2560x1440	60	V	V	V
2560x1440	120	V	V	V
2560x1440	144	V	V	V
2560x1440	240	V	V	V
3840x2160	24			V
3840x2160	25			V
3840x2160	30			V
3840x2160	50			V
3840x2160	60			V

PC/Video Signal Support		Input		
Resolution	Frame Frequency (Hz)	DP / USB-C™	HDMI 2.1 (**4K Compatible** is disabled)	HDMI 2.1 (**4K Compatible** is enabled)
		Timing	Timing	Timing
3840x2160	100			V
3840x2160	120			V

Video input

Color space	YCbCr 4:2:2											
Max. bit	8 bit						10 bit					
Frame frequency	24, 25, 30	50, 60	100	120	144	240	24, 25, 30	50, 60	100	120	144	240
HDMI	V	V	V	V	V	V	V	V	V	V	V	V
DP / USB-C	V	V	V	V	V	V	V	V	V	V	V	V

Color space	YCbCr 4:2:0					
Max. bit	8 bit		10 bit		12 bit	
Frame frequency	24, 25, 30	50, 60, 120	24, 25, 30	50, 60, 120	24, 25, 30	50, 60, 120
HDMI		V(*)		V(*)		V(*)
DP / USB-C						

Color space	YCbCr 4:4:4 / RGB 4:4:4											
Max. bit	8 bit						10 bit					
Frame frequency	24, 25, 30	50, 60	100	120	144	240	24, 25, 30	50, 60	100	120	144	240
HDMI	V	V	V	V	V		V	V	V	V	V	V
DP / USB-C	V	V	V	V	V	V	V	V	V	V	V	V

*: YCbCr 4:2:0 is supported only when the resolution is set to 4K.

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