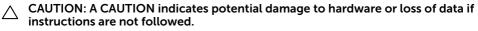
# Dell UltraSharp U2917W User's Guide





**NOTE:** A NOTE indicates important information that helps you make better use of your computer.



MARNING: A WARNING indicates a potential for property damage, personal injury, or death.

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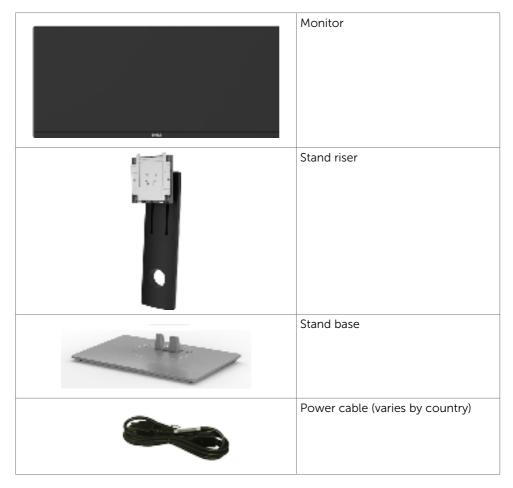
# **About Your Monitor**

# **Package Contents**

Your monitor ships with the components shown below. Make sure that you have received all the components and contact Dell if something is missing.



**NOTE:** Some items may be optional and may not ship with your monitor. Some features or media may not be available in certain countries.



>	USB 3.0 upstream cable (enables the USB ports on the monitor)
)	DP cable (DP to mDP)
	<ul> <li>Drivers and documentation media</li> <li>Quick Setup Guide</li> <li>Safety,Environmental,and Regulatory Information</li> <li>Factory Calibration Report</li> </ul>

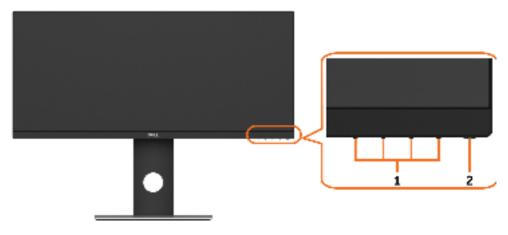
# **Product Features**

The **Dell UltraSharp U2917W** monitor has an active matrix, thinfilm transistor (TFT), liquid crystal display (LCD), and LED backlight. The monitor features include:

- 73.03 cm (28.8-inch) active area display (Measured diagonally) 2560 x 1080 (21:9 aspect ratio) resolution, plus full-screen support for lower resolutions.
- Tilt, swivel and vertical extension adjustment capabilities.
- Removable pedestal and Video Electronics Standards Association (VESA™) 100 mm mounting holes for flexible mounting solutions.
- Extensive digital connectivity with DP, mDP, HDMI, and USB 3.0 helps future-proof your monitor.
- Supports major color space standards for sRGB and REC709.
- Plug and play capability if supported by your system.
- Optimize eye comfort with a flicker-free screen and ComfortView feature which minimizes blue light emission.
- On-Screen Display (OSD) adjustments for ease of set-up and screen optimization.
- Software and documentation media includes an information file (INF), Image color Matching File (ICM), Dell Display Manager software application and product documentation.
- Supports DP 1.2 MST (also known as DP Daisy Chain) for multiple monitor setup.
- Security lock slot.
- Supports Asset Management Capability.
- Arsenic-Free glass and Mercury-Free for Panel only.
- Energy Gauge shows the energy level being consumed by the monitor in real time.
- 0.3 W standby power when in the sleep mode.

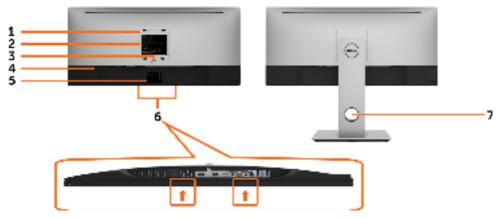
# Identifying Parts and Controls

## Front view



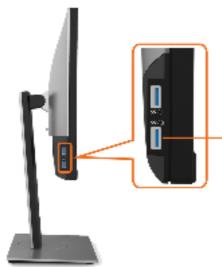
Label	Description
1	Function buttons (For more information, see Operating the Monitor)
2	Power on/off button (with LED indicator)

### **Back View**



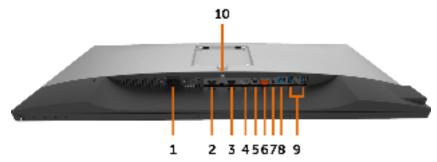
Label	Description	Use
1	VESA mounting holes (100 mm x 100 mm-behind attached VESA cover)	Wall mount monitor using VESA- compatible wall mount kit (100 mm x 100 mm).
2	Regulatory label	Lists the regulatory approvals.
3	Stand release button	Release stand from monitor.
4	Security lock slot	Secures monitor with security cable lock (sold separately).
5	Barcode, serial number, and Service Tag label	Refer to this label if you need to contact Dell for technical support.
6	Dell Soundbar mounting slots	Attaches the optional Dell Soundbar. <b>NOTE:</b> Please remove the plastic strip covering the mounting slots before affixing the Dell Soundbar.
7	Cable management slot	Use to organize cables by placing them through the slot.

### **Side View**



- USB downstream port Port with SSC.1 battery icon supports BC 1.2.

### **Bottom View**



Label	Description	Use
1	AC power connector	To connect the monitor power cable.
2	HDMI1 connector	Connect your computer with HDMI coble(ontional)
3	HDMI2 connector	Connect your computer with HDMI cable(optional).
4	DP connector (in)	Connect your computer with DP cable.
5	mDP connector (in)	Connect your computer with mDP to DP cable.
6	DP connector (out)	DP output for MST (multi-stream transport) capable monitor. DP 1.1 monitor can only be connected as the last monitor in the MST chain. To enable MST, refer to instruction on section "Connecting the Monitor for DP MST Function". <b>NOTE:</b> Remove the rubber plug when using the DP out connector.
7	Audio line-out port	Connect speakers to playback audio coming through HDMI or DP audio channels. Only supports 2-channel audio. <b>NOTE:</b> The audio line-out port does not support headphones. <u>MARNING:</u> Excessive sound pressure from earphones or headphones can cause hearing damage or loss.
8	USB upstream port	Connect the USB cable that comes with your monitor to the computer. Once this cable is connected, you can use the USB downstream connectors on the monitor.
9	USB downstream ports	Connect your USB device. You can only use this connector after you have connected the USB cable to the computer and USB upstream connector on the monitor. Port with second battery icon supports BC 1.2.
10	Stand lock	Lock the stand to the monitor using a M3 x 6 mm screw (screw not included).

# **Monitor Specifications**

Screen type	Active matrix - TFT LCD
Panel Type	In-plane switching Technology
Aspect ratio	21:9
Viewable image dimensions	
Diagonal	73.03 cm (28.8 inches)
Active Area	
Horizontal	672.768 mm (26.49 inches)
Vertical	283.824 mm (11.17 inches)
Area	190947.7 mm <sup>2</sup> (295.97 inches <sup>2</sup> )
Pixel pitch	0.088 mm x 0.263 mm
Pixel per inch (PPI)	96
Viewing angle	
Horizontal	178° (typical)
Vertical	178° (typical)
Brightness	300 cd/m <sup>2</sup> (typical)
Contrast ratio	1000 to 1 (typical)
Display screen coating	Anti-glare treatment of the front polarizer (3H) hard coating
Backlight	White LED, EDGELIGHT system
Response Time (Gray to Gray)	5 ms (FAST mode) 8 ms (NORMAL mode)
Color depth	16.7 million colors
Color gamut	99% sRGB 99% REC709
Calibration accuracy	Delta E < 2 (average)
Connectivity	• 1 x DP 1.2 (HDCP 1.4)
	• 1 x mDP 1.2 (HDCP 1.4)
	• 1 x DP 1.2 (out) with MST (HDCP 1.4)
	• 2 x HDMI1.4 (HDCP 1.4)
	• 2 x USB 3.0 downstream port
	• 2 x USB 3.0 with BC1.2 charging capability at 2A (max)
	• 1 x USB 3.0 upstream port
	• 1 x Analog 2.0 audio line out (3.5mm jack)
Border width (edge of monitor to	11.50 mm (Top)
active area)	12.50 mm (Left/Right)
	21.10 mm (Bottom)

Adjustability	
Height adjustable stand	130 mm
Tilt	-5° to 21°
Swivel	-30° to 30°
Cable management	Yes
Dell Display Manager (DDM) Compatibility	Easy Arrange and other key features
Security	Security lock slot (cable lock sold separately) Anti- theft stand lock slot (to panel)

# **Resolution Specifications**

Horizontal scan range	30 kHz to 94 kHz (DP/HDMI)
Vertical scan range	50 Hz to 86 Hz (DP/HDMI)
Maximum preset resolution	2560 x 1080 at 60 Hz
Video display capabilities (DP & HDMI playback)	480i, 480p, 576i, 576p, 720p, 1080i, 1080p

### **Preset Display Modes**

Display Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Clock (MHz)	Sync Polarity (Horizontal/ Vertical)
720 x 400	31.5	70.0	28.3	-/+
VESA, 640 x 480	31.5	60.0	25.2	-/-
VESA, 640 x 480	37.5	75.0	31.5	-/-
VESA, 800 x 600	37.9	60.3	40.0	+/+
VESA, 800 x 600	46.9	75.0	49.5	+/+
VESA, 1024 x 768	48.4	60.0	65.0	-/-
VESA, 1024 x 768	60.0	75.0	78.8	+/+
VESA, 1152 x 864	67.5	75.0	108.0	+/+
VESA, 1280 x 1024	64.0	60.0	108.0	+/+
VESA, 1280 x 1024	80.0	75.0	135.0	+/+
VESA, 1920 x 1080	67.5	60.0	148.5	+/+
VESA, 2560 x 1080	66.7	60.0	185.6	+/+

### MST Multi-Stream Transport (MST) Modes

MST Source Monitor	Maximum number of external Monitors that can be supported		
	2560 x 1080/60 Hz		
2560 x 1080/60 Hz	2		

**NOTE**: Maximum external monitor resolution supported is 2560x1080 60Hz only.

### **Electrical Specifications**

Video input signals	<ul> <li>Digital video signal for each differential line Per differential line at 100 ohm impedance</li> <li>DP/HDMI signal input support</li> </ul>
Input voltage/ frequency/current	100-240 VAC / 50 or 60 Hz <u>+</u> 3 Hz / 1.7 A (maximum)
Inrush current	120 V: 40 A (Max.)
	240 V: 80 A (Max.)

# **Physical Characteristics**

Connector type	• DP connector (include DP in and DP out)
	• mDP connector
	HDMI connector
	• Audio line-out
	USB 3.0 connector
	(Port with SSCII) battery icon supports BC 1.2.)
Signal cable type (in-box)	DP to mDP, 1.8 M cable USB 3.0, 1.8 M cable
Dimensions (with stand)	
Height (extended)	518.2 mm (20.40 inches)
Height (compressed)	388.2 mm (15.28 inches)
Width	697.8 mm (27.47 inches)
Depth	200.3 mm (7.89 inches)
Dimensions (without stand)	
Height	316.4 mm (12.46 inches)
Width	697.8 mm (27.47 inches)
Depth	55.6 mm (2.19 inches)
Stand dimensions	
Height (extended)	433.4 mm (17.06 inches)
Height (compressed)	387.0 mm (15.24 inches)
Width	292.4 mm (11.51 inches)
Depth	200.3 mm (7.89 inches)
Weight	
Weight with packaging	10.79 kg (23.79 lb)
Weight with stand assembly and cables	7.35 kg (16.20 lb)
Weight without stand assembly (For wall mount or VESA mount considerations - no cables)	4.95 kg (10.91 lb)
Weight of stand assembly	2.10 kg (4.63 lb)
Front frame gloss	2~4 GU

### **Environmental Characteristics**

Compliant Standards		
ENERGY STAR certified Monitor yes		
EPEAT	EPEAT Gold registered in the U.S. EPEAT registration varies by country. See www.epeat.net for registration status by country.	
TCO Certified Display	yes	
RoHS Compliant	yes	
BFR/PVC Free monitor		
(excluding external cables)	yes	
Temperature		
Operating	0°C to 40°C (32°F to 104°F)	
Non-operating	-20°C to 60°C (-4°F to 140°F)	
Humidity		
Operating	10% to 80% (non-condensing)	
Non-operating	5% to 90% (non-condensing)	
Altitude		
Operating	5,000 m (16,404 ft) (maximum)	
Non-operating	12,192 m (40,000 ft) (maximum)	
Thermal dissipation	252.5 BTU/hour (maximum)	
	80.9 BTU/hour (typical)	

### **Power Management Modes**

If you have VESA's DPM-compliant video card or software installed in your PC, the monitor can automatically reduce its power consumption when not in use. This is referred to as power save mode\*. If the computer detects input from the keyboard, mouse, or other input devices, the monitor automatically resumes functioning. The following table shows the power consumption and signaling of this automatic power saving feature.

VESA Modes	Horizontal Sync	Vertical Sync	Video	Power Indicator	Power Consumption
Normal operation	Active	Active	Active	White	74 W (maximum)** 23.7 W (typical)
Active-off mode	Inactive	Inactive	Off	White (Glowing)	Less than 0.3 W
Switch off	-	-	-	Off	Less than 0.3 W

Energy Star	Power Consumption
P <sub>ON</sub>	19.45 W***
E <sub>TEC</sub>	61.51 kWh****

The OSD operates only in the normal operation mode. If you press any button in the active-off mode, one of the following message is displayed:

Dell Ubratharp U2917W		
C No DP:	aanal Irom your deaca.	
Pressiony key on the k	eyboard or move the mouse or waite it up.	
If there is no display, p	acss the monitor button again to select	
the correct input sour	te.	

\*Zero power consumption in OFF mode can only be achieved by disconnecting the AC mains cable from the monitor.

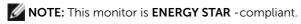
\*\*Maximum power consumption with maximum luminance.

\*\*\*Power consumption of on mode as defined in Energy Star 7.0 version.

\*\*\*\*Total energy consumption in kWh as defined in Energy Star 7.0 version.

This document is informational only and reflects laboratory performance. Your product may perform differently, depending on the software, components and peripherals you ordered and shall have no obligation to update such information. Accordingly, the customer should not rely upon this information in making decisions about electrical tolerances or otherwise. No warranty as to accuracy or completeness is expressed or implied.

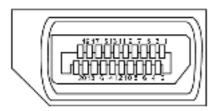
Activate the computer and the monitor to gain access to the OSD.





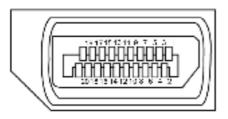
### **Pin Assignments**

#### DP connector (in)



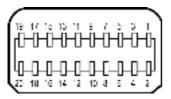
Pin number	20-pin side of the connected signal cable
1	ML3(n)
2	GND
3	ML3(p)
4	ML2(n)
5	GND
6	ML2(p)
7	ML1(u)
8	GND
9	ML1(p)
10	MLO(n)
11	GND
12	MLO(p)
13	CONFIG1
14	CONFIG2
15	AUX CH (p)
16	DP_Cable Detect
17	AUX CH (n)
18	Hot Plug Detect
19	GND
20	+3.3V DP_PWR

#### DP connector (out)



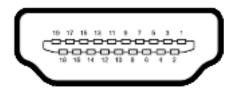
Pin number	20-pin side of the connected signal cable
1	MLO(p)
2	GND
3	MLO(n)
4	ML1(p)
5	GND
6	ML1(n)
7	ML2(p)
8	GND
9	ML2(n)
10	ML3(p)
11	GND
12	ML3(n)
13	CONFIG1
14	CONFIG2
15	AUX CH(p)
16	GND
17	AUX CH(n)
18	Hot Plug Detect
19	GND
20	DP_PWR

#### mDP connector



Pin number	20-pin side of the connected signal cable
1	GND
2	Hot Plug Detect
3	ML3 (n)
4	CONFIG1
5	ML3 (p)
6	CONFIG2
7	GND
8	GND
9	ML2 (n)
10	MLO (p)
11	ML2 (p)
12	MLO (p)
13	GND
14	DP_Cable Detect
15	ML1 (n)
16	AUX (p)
17	ML1 (p)
18	AUX (n)
19	GND
20	+3.3V DP_PWR

#### **HDMI** connector



Pin number	19-pin side of the connected signal cable
1	TMDS DATA 2+
2	TMDS DATA 2 SHIELD
3	TMDS DATA 2-
4	TMDS DATA 1+
5	TMDS DATA 1 SHIELD
6	TMDS DATA 1-
7	TMDS DATA 0+
8	TMDS DATA 0 SHIELD
9	TMDS DATA 0-
10	TMDS CLOCK+
11	TMDS CLOCK SHIELD
12	TMDS CLOCK-
13	CEC
14	Reserved (N.C. on device)
15	DDC CLOCK (SCL)
16	DDC DATA (SDA)
17	DDC/CEC Ground
18	+5 V POWER
19	HOT PLUG DETECT

#### Universal Serial Bus (USB)

This section gives you information about the USB ports available on your monitor.



NOTE: Up to 2 A on USB downstream port (port with SSSSI) battery icon) with BC 1.2 compliance devices; up to 0.9 A on the other 2 USB downstream ports.

Your computer has the following USB ports:

- 1 upstream bottom
- 4 downstream 2 at left side, 2 at bottom

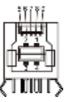
Power Charging Port - the ports with ssell battery icon supports fast current charging capability if the device is BC 1.2 compatible.



**NOTE:** The monitor's USB ports work only when the monitor is on or in the power save mode. If you turn off the monitor and then turn it on, the attached peripherals may take a few seconds to resume normal functionality.

Transfer speed	Data rate	Power consumption
SuperSpeed	5 Gbps	4.5 W (Max., each port)
Hi-Speed	480 Mbps	2.5 W (Max., each port)
Full speed	12 Mbps	2.5 W (Max., each port)

#### **USB** upstream port





USB downstream port

Pin number	Signal name
1	VBUS
2	D-
3	D+
4	GND
5	StdB_SSTX-
6	StdB_SSTX+
7	GND_DRAIN
8	StdB_SSRX-
9	StdB_SSRX+
Shell	Shield

Pin number	Signal name
1	VBUS
2	D-
3	D+
4	GND
5	StdA_SSRX-
6	StdA_SSRX+
7	GND_DRAIN
8	StdA_SSTX-
9	StdA_SSTX+
Shell	Shield

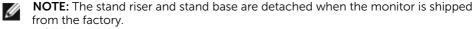
# **Plug-and-Play**

You can install the monitor in any Plug-and-Play-compatible system. The monitor automatically provides the computer system with its extended display identification data (EDID) using display data channel (DDC) protocols so the computer can configure itself and optimize the monitor settings. Most monitor installations are automatic; you can select different settings if desired. For more information about changing the monitor settings, see Operating the Monitor.

# LCD Monitor Quality and Pixel Policy

During the LCD monitor manufacturing process, it is not uncommon for one or more pixels to become fixed in an unchanging state which are hard to see and do not affect the display quality or usability. For more information on LCD Monitor Pixel Policy, see Dell support site at: http://www.dell.com/support/monitors.

# Attaching the Stand



**NOTE:** The procedure below is applicable for the default stand. If you purchased any other stand, see the documentation shipped with the stand to set it up.



CAUTION: Place monitor on a flat, clean, and soft surface to avoid scratching the △ display panel.



To attach the monitor stand:

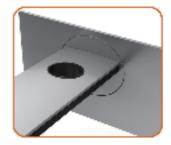
- **1** Remove the monitor protective cover and place the moitor with its front facing downward on it.
- 2 Insert the two tabs on the upper part of the stand to the groove on the back of the monitor.
- **3** Press the stand down till it snaps into its place.





• Hold the stand base with the triangle mark facing upward.





- Align the stand base protruded blocks to the matching slot on the stand.
- Insert the stand base blocks fully into the stand slot.





- Lift the screw handle and turn the screw clockwise.
- After fully tightening the screw, fold the screw handle flat within the recess.

# Using the Tilt, Swivel, and Vertical Extension



**NOTE:** This is applicable for a monitor with a stand. If you purchased any other stand, refer to the respective stand setup guide for set up instructions.

### Tilt, Swivel and Vertical Extension

With the stand attached to the monitor, you can tilt the monitor for the most comfortable viewing angle.



**NOTE:** The stand is detached when the monitor is shipped from the factory.

# **Connecting Your Monitor**

# WARNING: Before you begin any of the procedures in this section, follow the Safety Instructions.

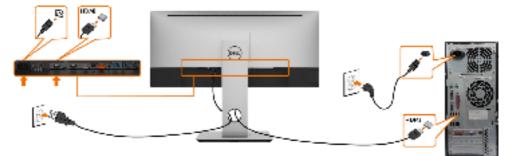
To connect your monitor to the computer:

- 1 Turn off your computer.
- 2 Connect the HDMI/DP-mDP/USB cable from your monitor to the computer.
- **3** Switch on your monitor.
- 4 Select the correct input source at Monitor OSD Menu and turn on your computer.

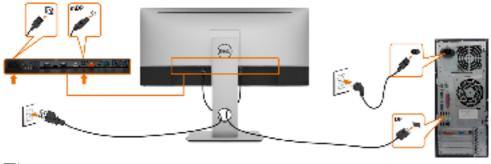


### Single monitor connection

### Connecting the HDMI cable(Optional)



Connecting the DP (or mDP) cable



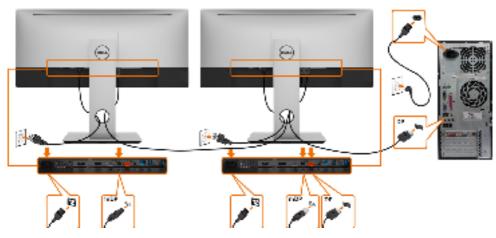
**NOTE:** Default is DP port. Select input source on monitor to switch to mDP.

### Connecting the USB cable



### **Multiple monitor connections**

Connecting the monitor for DP Multi-Stream Transport (MST) function





U

**NOTE:** Supports the DP MST feature. To make use of this feature, your PC Graphics Card must be certified to DP 1.2 with MST option.

**NOTE:** Remove the rubber plug when using the DP out connector.

# **Organizing Your Cables**



After attaching all necessary cables to your monitor and computer, (see Connecting Your Monitor for cable attachment) organize all cables as shown above.

# **Removing the Monitor Stand**



CAUTION: To prevent scratches on the LCD screen while removing the stand, make sure that the monitor is placed on a soft, clean surface.

**NOTE:** The procedure below is applicable for the default stand. If you purchased any other stand, see the documentation shipped with the stand to set it up.

To remove the stand:

- 1 Place the monitor on a soft cloth or cushion.
- 2 Press and hold the stand-release button.
- 3 Lift the stand up and away from the monitor.



# Wall Mounting (Optional)



**NOTE:** Use M4 x 10 mm screws to connect the monitor to the wall-mounting kit. Refer to the instructions that come with the VESA-compatible wall mounting kit.

- 1 Place the monitor on a soft cloth or cushion on a stable, flat table.
- 2 Remove the stand.
- **3** Use a Phillips crosshead screwdriver to remove the four screws securing the plastic cover.
- 4 Attach the mounting bracket from the wall mounting kit to the monitor.
- **5** Mount the monitor on the wall by following the instructions that comes with the wall mounting kit.
- **NOTE:** For use only with UL or CSA or GS-listed wall mount bracket with minimum weight/load bearing capacity of 4.95 kg (10.91 lb).

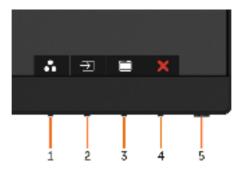
# Turning on the Monitor

Press the **U** button to turn on the monitor.



### **Using the Front Panel Controls**

Use the control buttons on the front of the monitor to adjust the characteristics of the image being displayed. As you use these buttons to adjust the controls, an OSD shows the numeric values of the characteristics as they change.

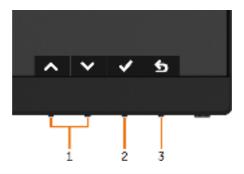


The following table describes the front panel buttons:

Front-Panel Button		Description	
1	Shortcut key:	Use this button to choose from a list of preset color modes.	
	Preset Modes		
2	Ð	Use this button to choose from a list of Input Source	
	Shortcut key: Input Source		
3	Ē	Use this menu button to launch the on-screen display (OSD) and select the OSD menu.	
	Menu	See Accessing the Menu System.	
4	Exit	Use this button to go back to the main menu or exit the OSD main menu.	
5		Use the <b>Power</b> button to turn the monitor On and Off.	
	Power (with power light	The white LED indicates the monitor is On and fully functional.	
	indicator)	A glowing white LED indicates DPMS Power Save Mode.	

### **Front-Panel Button**

Use the buttons on the front of the monitor to adjust the image settings.



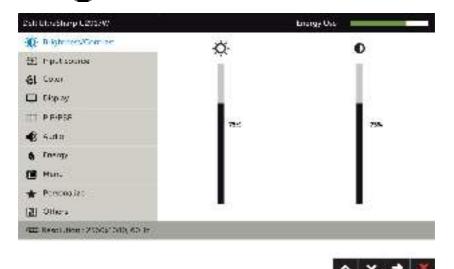
Front Panel Button		utton	Description		
1		Down	Use the <b>Up</b> (increase) and <b>Down</b> (decrease) keys to adjust items in the OSD menu.		
2	Up Down		Use the <b>OK</b> button to confirm your selection.		
3		ack	Use the <b>Back</b> button to go back to the previous menu.		

# Using the On-Screen Display (OSD) Menu

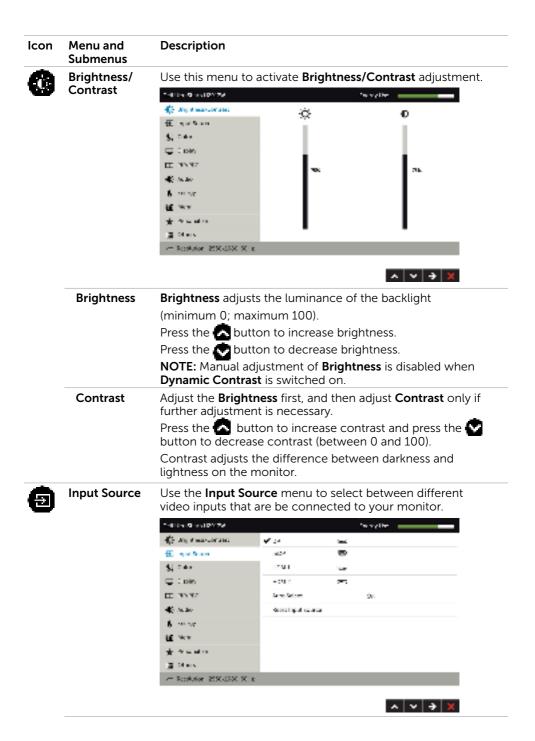
### Accessing the Menu System

NOTE: Any changes you make using the OSD menu are automatically saved if you move to another OSD menu, exit the OSD menu, or wait for the OSD menu to disappear.

1 Press the main button to launch the OSD menu and display the main menu.



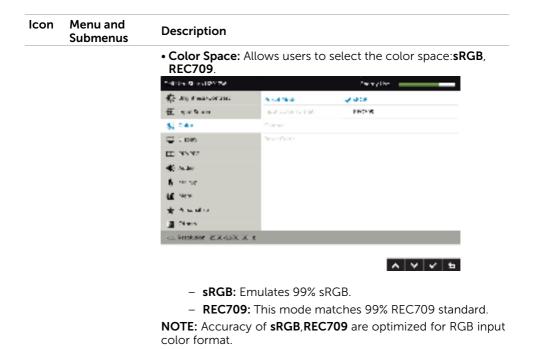
- 2 Press the 🛆 and 💙 buttons to move between options. As you move from one icon to another, the option name is highlighted.
- 3 Press the 🕤 or 🕐 or 💮 button once to activate the highlighted option.
- 4 Press the and buttons to select the desired parameter.
- 5 Press 5 to enter the slide bar and then use the A or button, according to the indicators on the menu, to make your changes.
- 6 Select the **1** to return to previous menu or **2** to accept and return to previous menu.



con	Menu and Submenus	Description					
	DP	Select <b>DP</b> input when you are using the DP (DisplayPort) connector.					
		Use 🔁 to select the DP input source.					
	mDP	Select <b>mDP</b> input when you are using the mDP (mini DisplayPort) connector.					
		Use 🔁 to select the mDP input source.					
	HDMI1	Select the <b>HDMI1</b> input when you are using the HDMI connector.					
		Use 🔁 to select the HDMI1 input source.					
	HDMI2	Select the <b>HDMI2</b> input when you are using the HDMI connector.					
		Use 🔁 to select the HDMI2 input source.					
	Auto Select	Use 🔁 to select <b>Auto Select</b> , the monitor scans for available input sources.					
	Reset Input Source	Resets your monitor's Input Source settings to the factory defaults.					
a.	Color	Use the <b>Color</b> menu to adjust the color setting mode.					
91s		2-BUN /ShapUPY 74		The styller			
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		<ul> <li>Reserve Condition of</li> </ul>					

lcon	Menu and Submenus	Description When you select Preset Modes, you can choose Standard, ComfortView,Multimedia, Movie, Game,Color Temp., Color Space, or Custom Color from the list.				
	Preset Modes					
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		<ul> <li>A. 30</li> </ul>		sasar tang		
		6 mm		Chile Spann		
		11 (M. W.		salitatir bater		
		* ****				
		3 Ones				
		- Resolution 2550-4360 SC	*			

- the screen to make viewing more comfortable for your eyes.
- Multimedia: Ideal for multimedia applications.
- Movie: Ideal for movies.
- Game: Ideal for most gaming applications.
- **Color Temp.:** The screen appears warmer with a red/yellow tint with slider set at 5,000K or cooler with blue tint with slider set at 10,000K.



| Operating the Monitor

lcon	Menu and Submenus	Description
		<ul> <li>Custom Color: Allows you to manually adjust the color settings. Press the and buttons to adjust the Red, Green, and Blue values and create your own preset color mode.</li> <li>Use the and buttons to select the Gain, Offset, Hue, Saturation.</li> </ul>
		Custom Color
		🗸 Gain
		Offset
		Hue
		Saturation
		~ ~ ~ 5
		<ul> <li>Gain: Select it to adjust input RGB signal gain leve (default value are 100).</li> </ul>
		<ul> <li>Offset: Select it to adjust RGB black-level offset value (default value are 50) to control your monitor base color.</li> </ul>
		<ul> <li>Hue: Select it to adjust RGBCMY hue value individually (default value are 50).</li> </ul>
		<ul> <li>Saturation: Select it to adjust RGBCMY saturation value individually (default value are 50).</li> </ul>

lcon	Menu and Submenus	Description					
	Input Color	Allows you to set	the video inpu	t mode to:			
	Format	• RGB: Select this computer (or D					
		• YPbPr: Select the YPbPr output.	nis option if you	r DVD player sı	upports only		
		2-010-02-0010-Y24		two yither			
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		6 mm					
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		*****					
		3 Ones					
		- Recolution 2590-1860 S	C K				
		Allows you to set the display Gamma according to			•   •   •		
	Gamma				g to your		
		system.					
	Hue						
	Hue	Use 💽 or 💽 to adjust the hue from 0 to 100. NOTE: Hue adjustment is available only for Movie and Ga					
		mode.					
	Saturation	Use 🔼 or 🔽 to	adjust the satu	ration from 0 to	o 100.		
		NOTE: Saturation	adiustment is	available only fo	or Movie and		
		Game mode.					
	Reset Color	Resets your mon	itor's color setti	nas to the fact	ory defaults		
					ory actually.		

lcon	Menu and Submenus	Description		
Â	Display	Use the <b>Display</b>	menu to adjust ir	nage.
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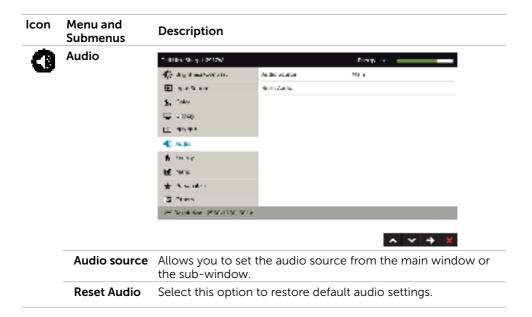
Aspect Ratio	Adjust the image ratio to Wide 21:9, Auto Resize,4:3, or 1:1.
Monitor	Sleep After Timeout: Monitor goes into sleep after timeout.
Sleep	Never: Monitor never goes into sleep.
Sharpness	Makes the image look sharper or softer.
	Use 🔼 or 🔽 to adjust the sharpness from '0' to '100'.
Dynamic Contrast	Allows you to increase the level of contrast to provide sharper and more detailed image quality.
	Push the 🔁 button to select the <b>Dynamic Contrast</b> "On"
	or "Off".
	NOTE: For Game and Movie preset mode only.
	<b>NOTE: Dynamic Contrast</b> provides higher contrast if you select <b>Game</b> or <b>Movie</b> preset mode.
Response Time	Allows you to set the <b>Response Time</b> to <b>Normal</b> or <b>Fast</b> .
MST	DP Multi Stream Transport, Set to ON enables MST(DP out), Set to OFF disables MST function.
Uniformity Compen-	Select screen brightness and color uniformity compensation settings. <b>Off</b> is factory setting by default.
sation	<b>Uniformity Compensation</b> adjusts different areas of the screen with respect to the center to achieve uniform brightness and color over the entire screen.
Display Info	Displays the monitor's current settings.

lcon	Menu and Submenus	Description		
•	PIP/PBP		ource. Thus y	/indow displaying image fror ou can watch two images fror ime.
		C-000-50-91-201264		Protection and a second s
		🎼 Ang tanak conserve	MARKA MUSA	201
		E press	All of the second s	D#
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Main Window	Sub - Window				
	DP	mDP	HDMI1	HDMI2	
DP	Х	$\checkmark$	$\checkmark$	$\checkmark$	
mDP	$\checkmark$	Х	$\checkmark$	$\checkmark$	
HDMI1	$\checkmark$	$\checkmark$	Х	$\checkmark$	
HDMI2	V	$\checkmark$	$\checkmark$	Х	

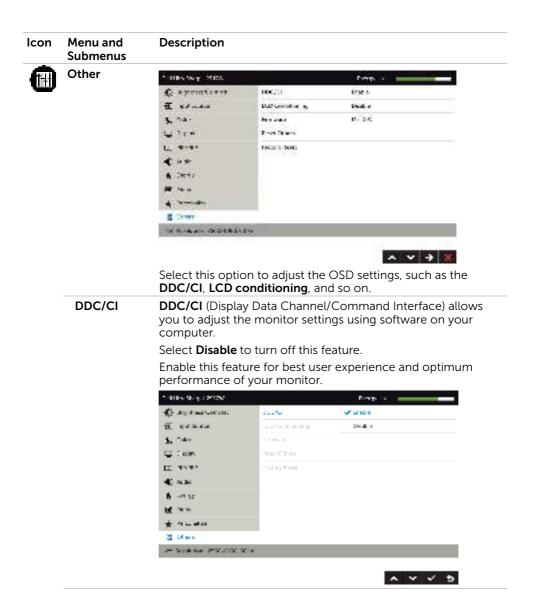
**NOTE:** When you use the PIP/PBP feature, the DP MST (Daisy Chain) function is disabled.

on	Menu and Submenus	Description					
	PIP/PBP Mode	Adjusts the PBP (Picture by Picture) model to <b>PIP Small</b> , <b>PIP Large, PBP Aspect Ratio</b> , or <b>PBP Fill</b> . You can disable this feature by selecting <b>Off</b> .					
		Off	PIP Small	PIP Large	PBP Aspect Ratio	PBP Fill	
						25	
	PIP/PBP (Sub)				eo signals tha the PIP/PBP si		
	PIP Location	Use 🔼 c	or 🙋 to bro	ow position owse and <b>or Bottom</b> -	to select <b>Tc</b>	p-Right, Top-	
	Video Swap	Swap Ma	in & Sub vic	leo.			
	Contrast (Sub)	Change (	Contrast set	ttings of Sub	o video.		



	Menu and Submenus	Description				
6	Energy	• / • ·	Novier (b. 304 0. 7 105 106	Inng, da Wildung Kon MTDang Brang		
	Power	Allows you to set	the state of th	ne power light to save energy.		
	Button LED					
	USB	e USB function during monitor				
		when the USB up	<b>TE:</b> USB ON/OFF under standby mode is onl on the USB upstream cable is unplugged. Thi greyed out when the USB upstream cable plu			
	Reset Energy	Select this option	to restore de	fault <b>Energy</b> settings.		
Ô	Menu		the OSD, the a	settings of the OSD, such as, amount of time the menu		
		2-00 kg/9-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0		Prong, Lo.		
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lcon	Menu and Submenus	Description				
	Language	(English, Spanis	splay to one of ei sh, French, Germ fied Chinese, or S	an, Brazilian Portuguese,		
	Rotation		D by 0/90/180/2 the menu accord	70 degrees. ding to your display rotation.		
	Transparency		on to change the in. 0 / max. 100).	e menu transparency by using		
	Timer	active after you Use the 🙇 and	u press a button.	n of time the OSD remains adjust the slider in 1-second ds.		
	Lock			nents. When <b>Lock</b> is selected, d. All buttons are locked.		
		lock (Press and	I hold the exit but	(through OSD menu) or hard tton 6 sec) nlock (Press and hold the exit		
	Reset Menu	Restore the me	enu settings to fa	ctory defaults.		
0	Personalize	Select from Preset Modes, Brightness/Contrast, Input Source, Aspect Ratio, Rotation, PIP/PBP Modes, or Video Swap and set as shortcut key.				
		* 8/8× 9/ y 19/08/		Prog. 1		
		the sustaination on	S HOLLAN ANY 3	Had Posts		
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		Mires Annalis Bolas				
			e.	× × + ×		
	Reset Persona- lization	Restores short	cut keys to factor	y defaults.		



lcon	Menu and Submenus	Description Helps reduce minor cases of image retention. Depending on the degree of image retention, the program may take some time to run. Select <b>Enable</b> to start the process.				
	LCD Conditioning					
		THE SET STOP		Accepter -		
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		- John and San and a state of	5. f			
					v v 5	
	Firmware	Firmware version	on			
	Reset Others	Restores other	settings, such a	as <b>DDC/CI</b> , to fa	actory defaults.	
	Factory Reset	Restores all OS	D settings to th	e factory defau	lts.	

**NOTE:** This monitor has a built-in feature to automatically calibrate the brightness to compensate for LED aging.

## **OSD Warning Messages**

When the **Dynamic Contrast** feature is enabled (in these preset modes: **Game** or **Movie**), manual brightness adjustment is disabled.



When the monitor does not support a particular resolution mode, you can see the following message:

Dell UtraSherp U29DW
The current input timing is not supported by the monitor display. Please change your input timing to any other monitor listed timing as per the monitor specifications.
=

This means that the monitor cannot synchronize with the signal that it is receiving from the computer. See Monitor Specifications for the Horizontal and Vertical frequency ranges addressable by this monitor. Recommended mode is 2560 x 1080.

You can see the following message before the DDC/CI function is disabled:

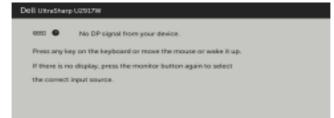


When the monitor enters the **Power Save** mode, the following message appears:

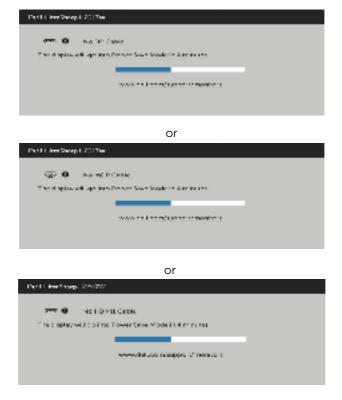


Activate the computer and wake up the monitor to gain access to the OSD.

If you press any button other than the power button, the following messages will appear depending on the selected input:



If either DP, mDP, HDMI1 , HDMI2 input is selected and the corresponding cable is not connected, a floating dialog box as shown below appears.





See Troubleshooting for more information.

# WARNING: Before you begin any of the procedures in this section, follow the Safety Instructions.

## Self-Test

Your monitor provides a self-test feature that allows you to check whether your monitor is functioning properly. If your monitor and computer are properly connected but the monitor screen remains dark, run the monitor self-test by performing the following steps:

- 1 Turn off both your computer and the monitor.
- **2** Unplug the video cable from the back of the computer. To ensure proper Self-Test operation, remove all digital and the analog cables from the back of computer.
- **3** Turn on the monitor.

The floating dialog box should appear on-screen (against a black background), if the monitor cannot sense a video signal and is working correctly. While in self-test mode, the power LED remains white. Also, depending upon the selected input, one of the dialogs shown below will continuously scroll through the screen.

Dell UkraSharp U2917W
No DP Cable The display will go into Power Save Mode in 4 minutes.
or
Dell UkraSharp U2917W
No mDP Cable The display will go into Power Save Mode in 4 minutes.  www.dell.com/support/monitors



- **4** This box also appears during normal system operation, if the video cable becomes disconnected or damaged.
- **5** Turn off your monitor and reconnect the video cable; then turn on both your computer and the monitor.

If your monitor screen remains blank after you use the previous procedure, check your video controller and computer, because your monitor is functioning properly.

# **Built-in Diagnostics**

Your monitor has a built-in diagnostic tool that helps you determine if the screen abnormality you are experiencing is an inherent problem with your monitor, or with your computer and video card.



**NOTE:** You can run the built-in diagnostics only when the video cable is unplugged and the monitor is in self-test mode.



To run the built-in diagnostics:

- **1** Make sure that the screen is clean (no dust particles on the surface of the screen).
- 2 Unplug the video cable(s) from the back of the computer or monitor. The monitor then goes into the self-test mode.
- **3** Press and hold **Button 1** for 5 seconds. A gray screen appears.
- 4 Carefully inspect the screen for abnormalities.
- **5** Press **Button 1** on the front panel again. The color of the screen changes to red.
- 6 Inspect the display for any abnormalities.
- Repeat steps 5 and 6 to inspect the display in green, blue, black, white, and text 7 screens.

The test is complete when the text screen appears. To exit, press **Button 1** again. If you do not detect any screen abnormalities upon using the built-in diagnostic tool, the monitor is functioning properly. Check the video card and computer.

# **Common Problems**

The following table contains general information about common monitor problems you might encounter and the possible solutions:

Common Symptoms	What You Experience	Possible Solutions
No Video/Power LED off	No picture	<ul> <li>Ensure that the video cable connecting the monitor and the computer is properly connected and secure.</li> <li>Verify that the power outlet is functioning properly using any other electrical equipment.</li> <li>Ensure that the power button is depressed fully.</li> <li>Ensure that the correct input source is selected in the Input Source menu.</li> </ul>
No Video/Power LED on	No picture or no brightness	<ul> <li>Increase brightness &amp; contrast controls via OSD.</li> <li>Perform monitor self-test feature check.</li> <li>Check for bent or broken pins in the video cable connector.</li> <li>Run the built-in diagnostics.</li> <li>Ensure that the correct input source is selected in the Input Source menu.</li> </ul>
Missing Pixels	LCD screen has spots	<ul> <li>Cycle power on-off.</li> <li>Pixel that is permanently off is a natural defect that can occur in LCD technology.</li> <li>For more information on Dell Monitor Quality and Pixel Policy, see Dell Support site at: http://www.dell.com/support/monitors.</li> </ul>
Stuck-on Pixels	LCD screen has bright spots	<ul> <li>Cycle power On-Off.</li> <li>Pixel that is permanently off is a natural defect that can occur in LCD technology.</li> <li>For more information on Dell Monitor Quality and PixelPolicy, see Dell Support site at: http://www.dell.com/support/monitors.</li> </ul>
Brightness Problems	Picture too dim or too bright	<ul> <li>Reset the monitor to factory settings.</li> <li>Adjust brightness &amp; contrast controls via OSD.</li> </ul>
Safety Related Issues	Visible signs of smoke or sparks	<ul><li>Do not perform any troubleshooting steps.</li><li>Contact Dell immediately.</li></ul>
Intermittent Problems	Monitor malfunctions on & off	<ul> <li>Ensure that the video cable connecting the monitor to the computer is connected properly and is secure.</li> <li>Reset the monitor to factory settings.</li> <li>Perform monitor self-test feature check to determine if the intermittent problem occurs in self-test mode.</li> </ul>

Common Symptoms	What You Experience	Possible Solutions
Missing Color	Picture missing color	<ul> <li>Perform monitor self-test.</li> <li>Ensure that the video cable connecting the monitor to the computer is connected properly and is secure.</li> <li>Check for bent or broken pins in the video cable connector.</li> </ul>
Wrong Color	Picture color not good	<ul> <li>Change the settings of the Preset Modes in the Color menu OSD depending on the application.</li> <li>Adjust R/G/B value under Custom. Color in Color menu OSD.</li> <li>Change the Input Color Format to PC RGB or YPbPr in the Color menu OSD.</li> <li>Run the built-in diagnostics.</li> </ul>
Image retention from a static image left on the monitor for a long period of time	Faint shadow from the static image displayed appears on the screen	<ul> <li>Use the Power Management feature to turn off the monitor at all times when not in use (for more information, see Power Management Modes).</li> <li>Alternatively, use a dynamically changing screensaver.</li> </ul>

# **Product Specific Problems**

Specific Symptoms	What You Experience	Possible Solutions
Screen image is too small	Image is centered on screen, but does not fill entire viewing area	<ul> <li>Check the Aspect Ratio setting in the Display menu OSD.</li> <li>Reset the monitor to factory settings.</li> </ul>
Cannot adjust the monitor with the buttons on the front panel	OSD does not appear on the screen	<ul> <li>Turn off the monitor, unplug the monitor power cable, plug it back, and then turn on the monitor.</li> <li>Check whether the OSD menu is locked. If yes, press and hold the button beside the power button for 6 seconds to unlock (for more information, see Lock).</li> </ul>
No Input Signal when user controls are pressed	No picture, the LED light is white	<ul> <li>Check the signal source. Ensure the computer is not in the power saving mode by moving the mouse or pressing any key on the keyboard.</li> <li>Check whether the signal cable is plugged in properly. Re-plug the signal cable if necessary.</li> <li>Reset the computer or video player.</li> </ul>
The picture does not fill the entire screen	The picture cannot fill the height or width of the screen	<ul> <li>Due to different video formats (aspect ratio) of DVDs, the monitor may display in full screen.</li> <li>Run the built-in diagnostics.</li> </ul>

Specific Symptoms	What You Experience	Possible Solutions
No image when using DP connection to the PC	Black screen	<ul> <li>Verify which DP standard (DP 1.1a or DP 1.2) is your Graphics Card certified to. Download and install the latest graphics card driver.</li> <li>Some DP 1.1a graphics card cannot support DP 1.2 monitors. Go to OSD menu, under Input Source selection, press and hold DP select key for 8 sec to change the monitor setting from DP 1.2 to DP 1.1a.</li> </ul>

# **Universal Serial Bus (USB) Specific Problems**

Specific Symptoms	What You Experience	Possible Solutions
USB interface is not working	USB peripherals are not working	<ul> <li>Check that your monitor is turned ON.</li> <li>Reconnect the upstream cable to your computer.</li> <li>Reconnect the USB peripherals (downstream connector).</li> <li>Switch off and then turn on the monitor again.</li> <li>Reboot the computer.</li> <li>Some USB devices like external portable HDD require higher electric current; connect the device directly to the computer system.</li> </ul>
Supre Speed USB 3.0 interface is slow.	Super Speed USB 3.0 peripherals working slowly or not working at all	<ul> <li>Check that your computer is USB 3.0-capable.</li> <li>Some computers have USB 3.0, USB 2.0, and USB 1.1 ports. Ensure that the correct USB port is used.</li> <li>Reconnect the upstream cable to your computer.</li> <li>Reconnect the USB peripherals (downstream connector).</li> <li>Reboot the computer.</li> </ul>
Wireless USB peripherals stop working when a USB 3.0 device is plugged in	Wireless USB peripherals responding slowly or only working as the distance between itself and its receiver decreases	<ul> <li>Increase the distance between the USB 3.0 peripherals and the wireless USB receiver.</li> <li>Position your wireless USB receiver as close as possible to the wireless USB peripherals.</li> <li>Use a USB-extender cable to position the wireless USB receiver as far away as possible from the USB 3.0 port.</li> </ul>

## **Safety Instructions**

For displays with glossy bezels the user should consider the placement of the display as the bezel may cause disturbing reflections from surrounding light and bright surfaces.

WARNING: Use of controls, adjustments, or procedures other than those specified in this documentation may result in exposure to shock, electrical hazards, and/or mechanical hazards.

For information on safety instructions, see the Safety, Environmental, and Regulatory Information (SERI).

# FCC Notices (U.S. only) and Other Regulatory Information

For FCC notices and other regulatory information, see the regulatory compliance website located at www.dell.com/regulatory\_compliance.

## **Contacting Dell**

**NOTE:** If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area.

#### To get online Monitor support content:

#### See www.dell.com/support/monitors.

#### To contact Dell for sales, technical support, or customer service issues:

- **1** Go to www.dell.com/support.
- 2 Verify your country or region in the Choose A Country/Region drop-down menu at the top-left corner of the page.
- 3 Click Contact Us next to the country dropdown.
- 4 Select the appropriate service or support link based on your need.
- **5** Choose the method of contacting Dell that is convenient for you.

## **Setting Up Your Monitor**

## Setting Display Resolution to 2560 x 1080 (maximum)

For best performance, set the display resolution to 2560 x 1080 pixels by performing the following steps:

#### In Windows Vista, Windows 7, Windows 8 or Windows 8.1:

- **1** For Windows 8 or Windows 8.1 only, select the Desktop tile to switch to classic desktop.
- 2 Right-click on the desktop and click Screen Resolution.
- **3** Click the Dropdown list of the Screen Resolution and select 2560 x 1080.
- 4 Click OK.

#### In Windows 10:

- 1 Right-click on the desktop and click **Display Settings**.
- 2 Click Advanced display settings.
- **3** Click the dropdown list of **Resolution** and select 2560 x 1080.
- 4 Click Apply.

If you do not see the recommended resolution as an option, you may need to update your graphics driver. Please choose the scenario below that best describes the computer system you are using, and follow the given steps.

## Dell computer

- **1** Go to www.dell.com/support, enter your service tag, and download the latest driver for your graphics card.
- 2 After installing the drivers for your graphics adapter, attempt to set the resolution to 2560 x 1080 again.



**NOTE:** If you are unable to set the resolution to 2560 x 1080, please contact Dell to inquire about a graphics adapter that supports these resolutions.

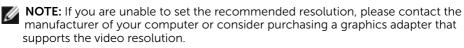
## Non-Dell computer

#### In Windows Vista, Windows 7, Windows 8 or Windows 8.1:

- 1 For Windows 8 or Windows 8.1 only, select the Desktop tile to switch to classic desktop.
- 2 Right-click on the desktop and click **Personalization**.
- 3 Click Change Display Settings.
- 4 Click Advanced Settings.
- 5 Identify your graphics controller supplier from the description at the top of the window (e.g. NVIDIA, ATI, Intel etc.).
- 6 Refer to the graphic card provider website for updated driver (for example, http://www.ATI.com or http://www.NVIDIA.com).
- 7 After installing the drivers for your graphics adapter, attempt to set the resolution to 2560 x 1080 again.

#### In Windows 10:

- 1 Right-click on the desktop and click **Display Settings**.
- 2 Click Advanced display settings.
- 3 Click Display adapter properties.
- **4** Identify your graphics controller supplier from the description at the top of the window (e.g. NVIDIA, ATI, Intel etc.).
- **5** Refer to the graphic card provider website for updated driver (for example, http://www.ATI.com or http://www.NVIDIA.com).
- **6** After installing the drivers for your graphics adapter, attempt to set the resolution to 2560 x 1080 again.



## **Maintenance Guidelines**

## **Cleaning Your Monitor**



WARNING: Before cleaning the monitor, unplug the monitor power cable from the electrical outlet.

**CAUTION:** Read and follow the Safety Instructions before cleaning the monitor.

For best practices, follow these instructions in the list below while unpacking, cleaning, or handling your monitor:

- To clean your anti-static screen, lightly dampen a soft, clean cloth with water. If possible, use a special screen-cleaning tissue or solution suitable for the anti-static coating. Do not use benzene, thinner, ammonia, abrasive cleaners, or compressed air.
- Use a lightly-dampened, soft cloth to clean the monitor. Avoid using detergent of any kind as some detergents leave a milky film on the monitor.
- If you notice white powder when you unpack your monitor, wipe it off with a cloth.
- Handle your monitor with care as a darker-colored monitor may get scratched and show white scuff marks more than a lighter- colored monitor.
- To help maintain the best image quality on your monitor, use a dynamically changing screen saver and turn off your monitor when not in use.