

# Dell D7523QT User's Guide

Monitor Model: D7523QT  
Regulatory Model: D7523QTc





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



**CAUTION:** A CAUTION indicates potential damage to hardware or loss of data if instructions are not followed.



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

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2022 – 04

Rev. A00



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# About your monitor





## Package Contents

Your monitor ships with all the components shown below. Ensure that you have received all the components and [Contacting Dell](#) if anything 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.**

Component image	Component description
	Monitor
	Remote control and Batteries (AAA x 2)
	Stylus x 2
	Power cable (varies by countries)
	HDMI 2.0 cable



Component image	Component description
	DP 1.2 cable
	USB 3.1 Gen 1 upstream cable (enables the USB ports on the monitor)
	Wire Saddle x 5
	<ul style="list-style-type: none"><li>• Quick Setup Guide</li><li>• Safety, Environment, and Regulatory Information (SERI)</li></ul>

## Product Features

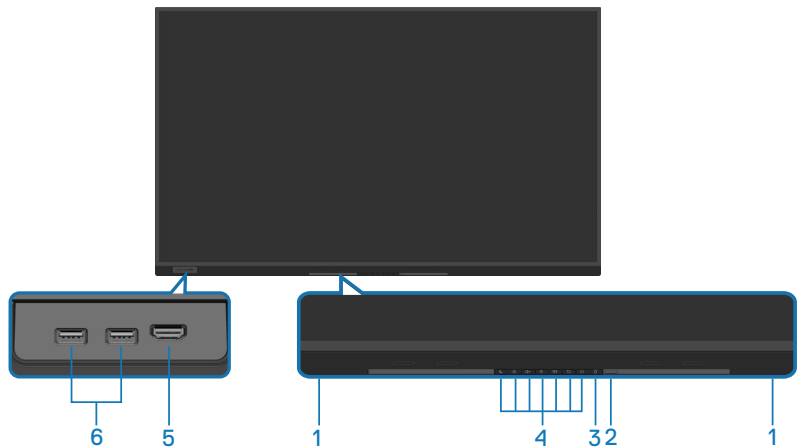
The Dell D7523QT flat panel monitor has an active matrix, Thin-Film Transistor (TFT), Liquid Crystal Display (LCD), and LED backlight. The monitor’s features include:

- D7523QT: 1892.81 mm (74.52 in.) viewable area display (measured diagonally), 3840 x 2160 resolution, plus full-screen support for lower resolutions.
- Built-in Speaker (2 x 12 W).
- Video Electronics Standards Association (VESA) 600 mm x 400 mm mounting holes for flexible mounting solutions.
- Plug-and-play capability if supported by your system.
- Digital connectivity with DisplayPort and HDMI.
- On-Screen Display (OSD) adjustments for ease of set-up and screen optimization.
- Security-lock slot (cable lock optional purchase)



# Identifying parts and controls

## Front view



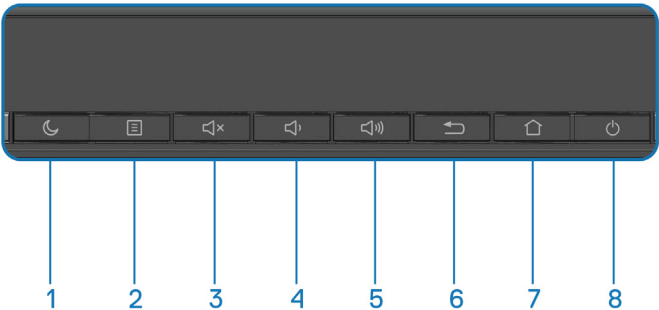
Label	Description
1	Built-in Speaker (2 x 12 W)
2	Remote control sensor and power status indicator*
3	Power on/Standby button
4	Function buttons
5	HDMI 3 2.0 connector
6	USB-A 2.0 downstream ports

- \* 1. Green led indicates the power on mode.  
2. Red led indicates the standby mode.  
3. Amber led indicates the sleep mode.  
4. No led indicates the AC Power Off mode.











### Using the control buttons

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



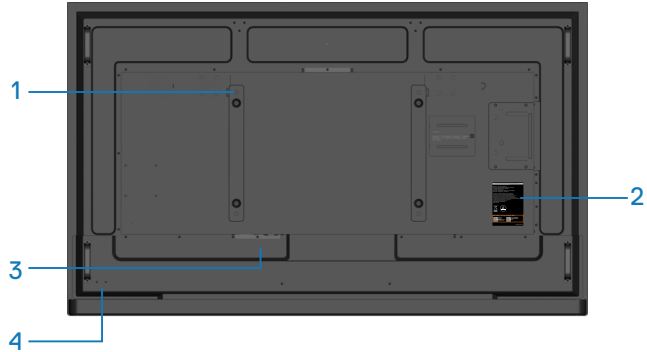
The following table describes the control buttons:

Control buttons	Description
1	 Energy saving mode, turn off the backlight.
2	 Open Settings.
3	 Audio mute on/off.
4	 Decrease audio output value.
5	 Increase audio output value.
6	 Return to the previous menu page.
7	 Home Launcher.
8	 Power on the display or enter standby mode.

 **NOTE: The power key can not be trigger continually within 5 seconds.**



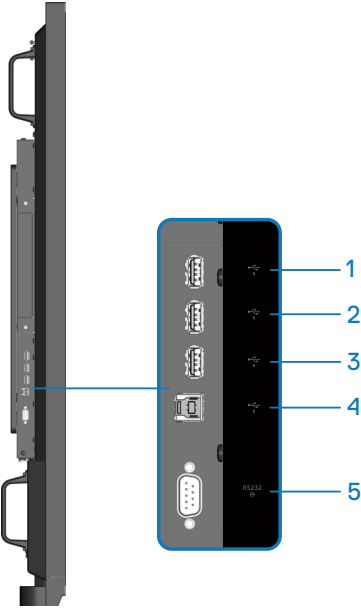
**Back view**




Label	Description	Use
1	VESA mounting holes (600 mm x 400 mm)	To mount the monitor.
2	Regulatory label	List of approved regulatory labels.
3	AC power connector	To connect the monitor power cable.
4	Security-lock slot (based on Kensington Security Slot)	Secure your monitor using a security lock (purchased separately) to prevent unauthorized movement of your monitor.



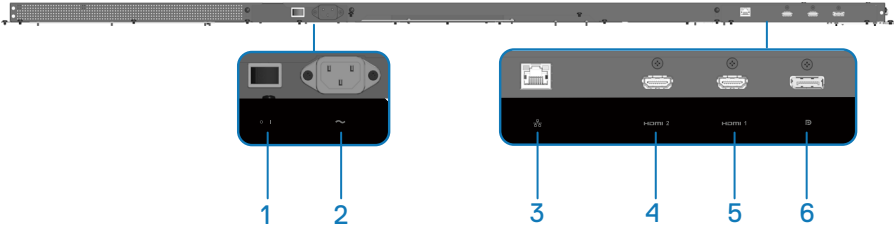
Side view



Label	Description	Use
1	USB-A 3.1 Gen 1 downstream port	Connect the USB device.
2	USB-A 3.1 Gen 1 downstream port	
3	USB-A 3.1 Gen 1 downstream port	
4	USB-B 3.1 Gen 1 upstream port	Connect the USB cable that comes with your display to the computer. Once this cable is connected, you can use the USB downstream connectors on the display.  <b>NOTE: If input source select to Home Launcher which will disable USB 3.1 Gen 1 upstream port.</b>
5	RS232	Remote management and control of display through RS232.




**Bottom view**



Label	Description	Use
1	AC power switch	Switch the AC power on/off.
2	AC power connector	To connect the display power cable.
3	RJ45 connector	RJ45 is only for Montage, Broadcast, Auto time sync and OTA usage.
4	HDMI 2 2.0 connector	Connect your computer with HDMI cable.
5	HDMI 1 2.0 connector	
6	DP 1.2 connector	



## Monitor specifications

Model	D7523QT
Screen type	Active matrix - TFT LCD
Advanced Super Dimension Switch	Vertical alignment
Aspect ratio	16:9
Viewable image	
Diagonal	1892.81 mm (74.52 in.)
Horizontal, Active area	1649.664 mm (64.9 in.)
Vertical, Active area	927.936 mm (36.5 in.)
Area	1530782.6 mm <sup>2</sup> (60267.0 in. <sup>2</sup> )
Pixel pitch	0.4296 mm (W) * 0.4296 mm (H)
Pixels per inch (PPI)	59
Viewing angle	
Horizontal	178° (typical)
Vertical	178° (typical)
Luminance output	430 cd/m <sup>2</sup> (typical)
Contrast ratio	1200:1 (typical)
Faceplate coating	Antiglare with hard coating 7H, Anti-bacterial, 2% Haze
Backlight	LED light bar system
Response time	8 ms typical (G to G)
Color depth	1.07 billion colors (8bit+FRC)
Color gamut	72% NTSC (National Television Standards Committee)  <b>NOTE: Color gamut (typical) is based on CIE1976 (82%) and CIE1931 (72%) test standards.</b>



Ports and connectors	1 x RS232 port 3 x HDMI 2.0 ports 1 x DisplayPort 1.2 3 x USB-A 3.1 Gen 1 downstream ports 2 x USB-A 2.0 downstream ports 1 x USB-B 3.1 Gen 1 upstream port 1 x RJ45 port
Border width (edge of monitor to active area)	
Top/Left/Right	16.3 mm (0.64 in.)
Bottom	54.3 mm (2.14 in.)
Security	Security-lock slot (cable lock optional purchase)
Cable management	Yes

### Resolution specifications

<b>Model</b>	<b>D7523QT</b>
Horizontal scan range	30 kHz to 160 kHz (automatic)
Vertical scan range	23 Hz to 75 Hz (automatic)
Maximum preset resolution	3840 x 2160 at 60 Hz

### Support video mode

<b>Model</b>	<b>D7523QT</b>
Video display capability (HDMI & DP playback)	480p, 576p, 480i(HDMI only), 576i(HDMI only) 720p, 1080p, 1080i(HDMI only), 2160p



**Preset display modes**

<b>Display mode</b>	<b>Horizontal frequency (kHz)</b>	<b>Vertical frequency (Hz)</b>	<b>Pixel clock (MHz)</b>	<b>Sync polarity (Horizontal/Vertical)</b>
VESA, 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, 1024 x 768	48.4	60.0	65.0	-/-
VESA, 1280 x 1024	64.0	60.0	108.0	+/+
VESA, 1600 x 900	55.5	60.0	97.8	+/-
VESA, 1920 x 1080	67.5	60.0	148.5	+/+
VESA, 3840 x 2160	67.5	30.0	297.0	+/+
VESA, 3840 x 2160	133.313	60.0	533.25	+/+



### Electrical specifications

Model	D7523QT
Video input signals	<ul style="list-style-type: none"><li>• HDMI 2.0, 600 mV for each differential line, 100 ohm input impedance per differential pair</li><li>• DisplayPort 1.2, 600 mV for each differential line, 100 ohm input impedance per differential pair</li></ul>
AC input voltage/ frequency/current	100 VAC to 240 VAC/50 Hz or 60 Hz $\pm$ 3 Hz/3.5 A (typical)
Inrush current	120 V: 30 A (maximum) at 0 °C (cold start) 240 V: 60 A (maximum) at 0 °C (cold start)
Power Consumption	0 W (Off mode) <sup>1</sup> 0.3 W (Standby Mode) <sup>1</sup> 147.5 W (On Mode) <sup>1</sup> 245 W (Maximum) <sup>2</sup> 166.5 W (Pon) <sup>3</sup> 512.2 kWh (TEC) <sup>5</sup>

<sup>1</sup> As defined in EU 2019/2021 and EU 2019/2013(AC Power Off).

<sup>2</sup> Maximum brightness and contrast setting.

<sup>3</sup> Pon: Power consumption of On Mode measured with reference to Energy Star test method.

TEC: Total energy consumption in kWh measured with reference to Energy Star test method.

This document is informational only and reflects laboratory performance. Your product may perform differently, depending on the software, components, and devices you ordered and shall have no obligation to update such information.

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.



Physical characteristics

Model	D7523QT
Signal cable type	<ul style="list-style-type: none"><li>• Digital: DisplayPort, 20 pins</li><li>• Digital: HDMI, 19 pins</li><li>• Universal Serial Bus: USB, 9 pins</li></ul>
Dimensions	
Height	1031.74 mm (40.62 in.)
Width	1715.46 mm (67.54 in.)
Depth	106.55 mm (4.19 in.)
Weight	
Weight with packaging	69.00 kg (152.12 lb)
Weight with cables	57.02 kg (125.71 lb)
Weight without package and cables (For wall mount or VESA mount considerations - no cables)	56.45 kg (124.45 lb)



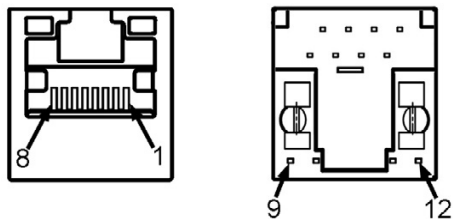
## Environmental characteristics

<b>Model</b>	<b>D7523QT</b>
<b>Compliant standards</b>	
RoHS-compliant	
Arsenic-free glass and Mercury-free for the panel only	
<b>Temperature</b>	
Operating	0 °C to 40 °C (32 °F to 104 °F)
Non-operating	Storage: -20 °C to 60 °C (-4 °F to 140 °F) Shipping: -20 °C to 60 °C (-4 °F to 140 °F)
<b>Humidity</b>	
Operating	10 % to 80 % (non-condensing)
Non-operating	Storage: 10 % to 90 % (non-condensing) Shipping: 10 % to 90 % (non-condensing)
<b>Altitude</b>	
Operating (maximum)	5,000 m (16,400 ft)
Non-operating (maximum)	12,192 m (40,000 ft)
<b>Thermal dissipation</b>	837.9 BTU/hour (maximum) 504.45 BTU/hour (typical)



# Pin assignments

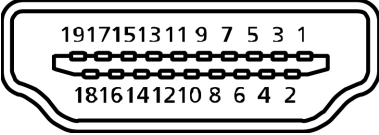
## RJ45 connector



Pin number	Monitor side of the 12-pin side signal cable
1	MDI_TP
2	MDI_TN
3	CT
4	GND
5	GND
6	CT
7	MDI_RP
8	MDI_RN
9	Yellow LED
10	GND
11	Green LED
12	GND



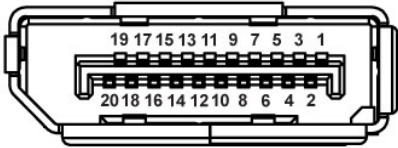
**HDMI connector**



Pin number	Monitor side of the 19-pin side signal cable
1	TMDS Data2+
2	TMDS Data2 Shield
3	TMDS Data2-
4	TMDS Data1+
5	TMDS Data1 Shield
6	TMDS Data1-
7	TMDS Data0+
8	TMDS Data0 Shield
9	TMDS Data0-
10	TMDS Clock+
11	TMDS Clock Shield
12	TMDS Clock-
13	CEC
14	Reserved (N.C. on device)
15	SCL
16	SDA
17	DDC/CEC Ground
18	+5 V Power
19	Hot Plug Detect



DP connector





Pin number	20-pin side of the connected signal cable
1	ML0 (p)
2	GND
3	ML0 (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	GND
14	GND
15	AUX (p)
16	GND
17	AUX (n)
18	GND
19	Re-PWR
20	+3.3 V DP_PWR




Universal serial bus (USB)

This section gives you information about the USB ports available on the monitor.  
The monitor has the following USB ports:

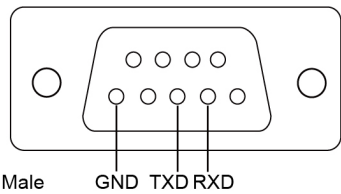
- 1 x USB-B 3.1 Gen 1 upstream port
- 3 x USB-A 3.1 Gen 1 downstream ports (each port 900 mA)
- 2 x USB-A 2.0 downstream ports (each port 500 mA)

USB 3.0 upstream port		USB 3.0 downstream port	
			
Pin number	Signal name	Pin number	Signal name
1	VBUS	1	VBUS
2	D-	2	D-
3	D+	3	D+
4	GND	4	GND
5	StdB_SSTX-	5	StdB_SSTX-
6	StdB_SSTX+	6	StdB_SSTX+
7	GND_DRAIN	7	GND_DRAIN
8	StdB_SSRX-	8	StdB_SSRX-
9	StdB_SSRX+	9	StdB_SSRX+
Shell	Shield	Shell	Shield

USB 2.0 downstream port	
	
Pin number	Signal name
1	VBUS
2	D-
3	D+
4	GND
Shell	Shield



**RS232 connector**



**Pin assignments**

RS232	Pin description
1	
2	RXD
3	TXD
4	
5	GROUND
6	
7	Not Used
8	Not Used
9	

**RS232 protocol communication settings**

Connection settings	Value
Baud Rate	115200 bps
Data Bits	8 bits
Parity	None
Stop Bits	1 bit
Flow control	None



## Plug-and-Play capability

You can connect the monitor to any Plug-and-Play compatible system. The monitor automatically provides the computer with its Extended Display Identification Data (EDID) using Display Data Channel (DDC) protocols so that the computer can configure itself and optimize the monitor settings. Most monitor installations are automatic; you can select different settings as required. 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 about Dell Monitor Quality and Pixel Policy, see Dell Support site at [www.dell.com/pixelguidelines](http://www.dell.com/pixelguidelines).



# Setting up the monitor

## Connecting your monitor

**⚠ WARNING:** Before you begin any of the procedures in this section, follow the [Safety instructions](#).

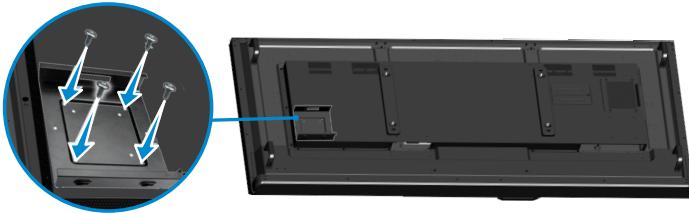
To connect your monitor to the computer:

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

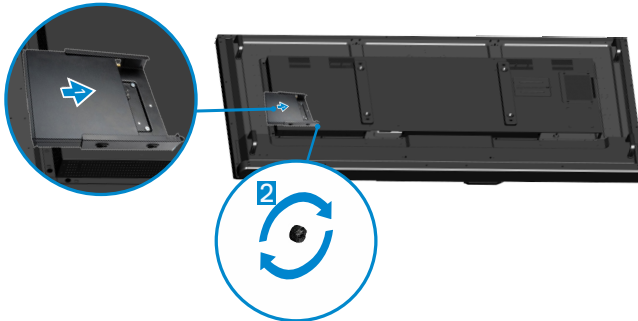
## Dell Optiplex (Optional) Attaching the Optiplex

### Micro VESA Mount(optional purchase)

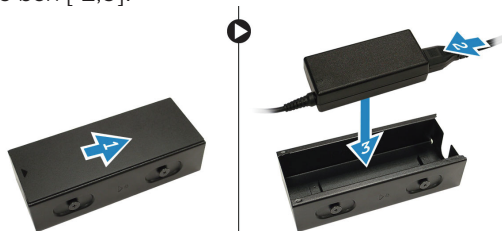
1. Align the dual VESA mount behind the monitor and tighten the screws to secure the dual VESA mount to the monitor.



2. Perform the following steps as shown in the illustration:
  - a. Slide the computer into the dual VESA mount. [1]
  - b. Rotate the screw in clockwise direction to secure the computer to the dual VESA mount. [2]



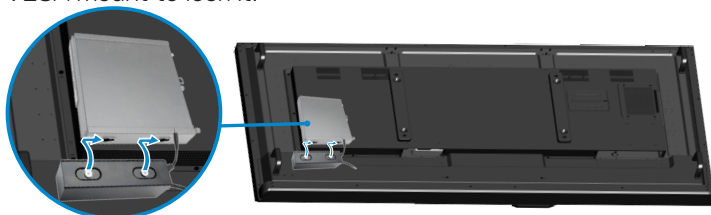
3. Perform the following steps as shown in the illustration:
  - a. Slide to open the cover of the power adapter [1].
  - b. Install the power cable to the power adapter and place the power adapter in the box [ 2,3].



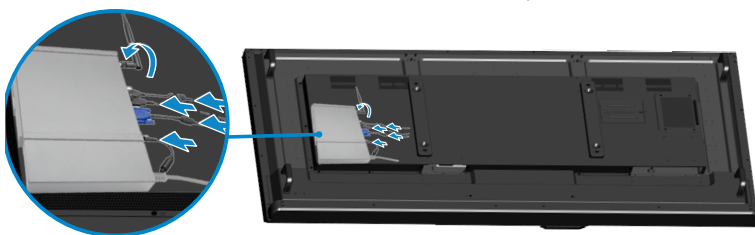
4. Insert the cable into the box and slide back the cover to lock it.



5. Slide the power adapter case through the grooves at the bottom of the dual VESA mount to lock it.

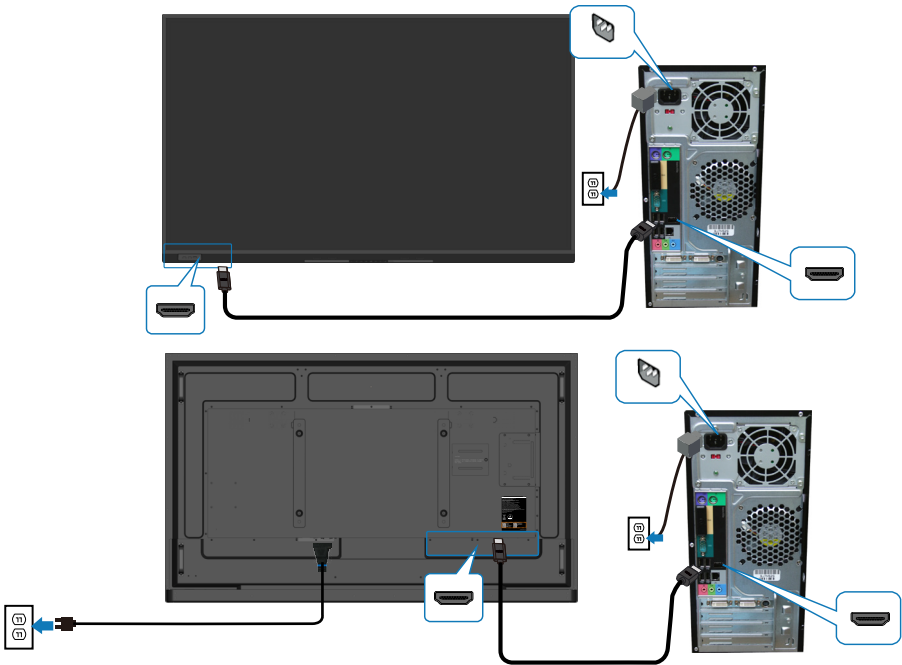


6. Connect all the cables and antenna to the computer.

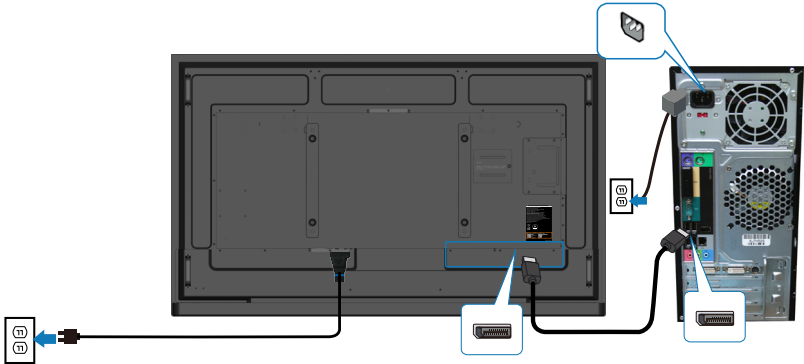


# External PC connection

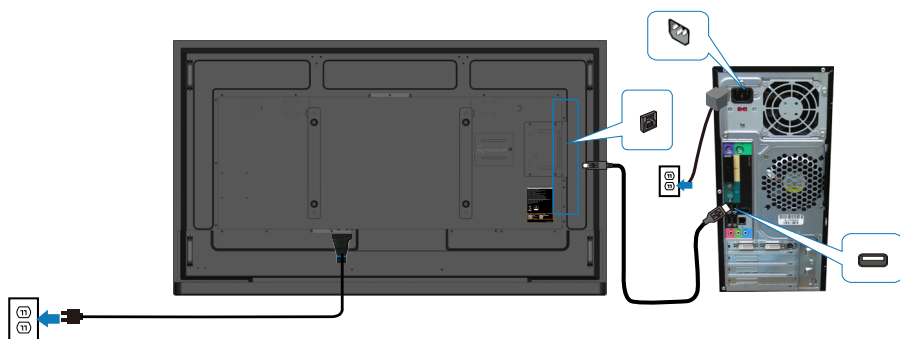
## Connecting the HDMI cable



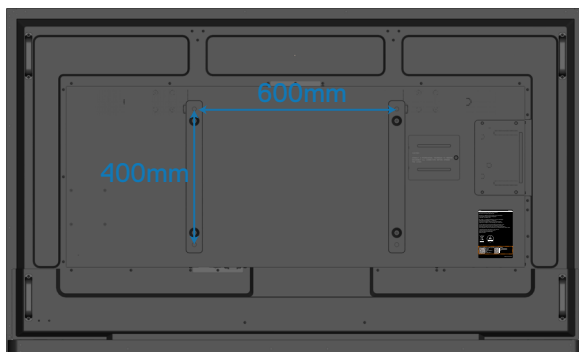
## Connecting the DP cable



## Connecting the USB cable



## Wall mounting




VESA screw hole dimension M8 x 30 mm.


Refer to installation instruction that comes with the 3<sup>rd</sup> party wall mount that customer purchases. VESA-compatible base mounting kit (600 x 400) mm.


1. Install wall plate to Wall.
2. Place the monitor panel on a soft cloth or cushion on a stable flat table.
3. Attach the mounting brackets from the wall mounting kit to the monitor.
4. Install monitor to wall plate.
5. Ensure monitor is mounted vertically with no tilt forward or backward and a leveler is used to assist to mount the monitor.

 **NOTE: Do not attempt to wall mount the monitor by yourself. It should be installed by qualified installers.**

Recommended Wall Mount for this monitor is can be found in the Dell support website at [www.dell.com/support](http://www.dell.com/support).

 **NOTE: For use only with UL or CSA or GS-listed wall mount bracket with minimum weight/load bearing capacity of 225.80 kg (497.80 lb).**

 **WARNING: Stability Hazard. The product may fall, causing serious personal injury or death. To prevent injury, this product must be securely attached to the floor or wall in accordance with the installation instructions. A product may fall, causing serious personal injury or death.**

 **NOTE: DO not mount the monitor yourself. Please ask your supplier. For proper installation it is strongly recommended to use a trained, qualified technician. When using mounting accessories other than those that are DELL approved.**





## Remote control




### 1. Power on/Standby

Power on the system or go into Standby mode.

### 2. Input source

Select input source. Press  or  button to select from **HOME, HDMI1, HDMI2, HDMI3, DP**.

. Press  button to confirm and exit.

### 3. Up

Press to move the selection up in Settings menu.

### 4. Left

Press to move the selection left in Settings menu.

### 5. Down

Press to move the selection down in Settings menu.

### 6. Menu

Press to turn on the Settings menu.

### 7. Brightness -

Press to decrease the Brightness.

### 8. Volume -

Press to decrease the Volume.

### 9. Mute

Press to turn the mute function on/off.

### 10. Home Launcher

Go to Home Launcher.

### 11. Right

Press to move the selection right in Settings menu.

### 12. OK

Confirm an entry or selection.

### 13. Back button

Return to the previous menu page or exit the current function.

### 14. Brightness +

Press to increase the brightness.

### 15. Volume +

Press to increase the volume.

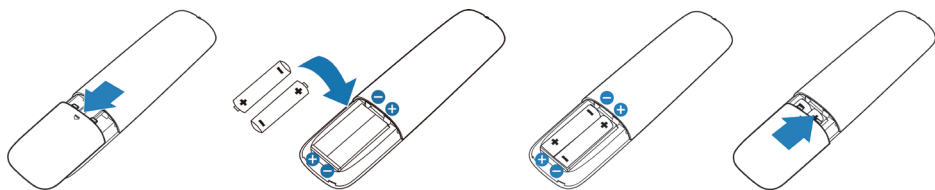


## Inserting the batteries in the remote control

The remote control is powered by two 1.5 V AAA batteries.

To install or replace batteries:

1. Press and then slide the cover to open it.
2. Align the batteries according to the (+) and (–) indications inside the battery compartment.
3. Replace the cover.



**CAUTION: The incorrect use of batteries can result in leaks or bursting. Be sure to follow these instructions:**

- Place “AAA” batteries matching the (+) and (–) signs on each battery to the (+) and (–) signs of the battery compartment.
- Do not mix battery types.
- Do not combine new batteries with used ones. It causes shorter life or leakage of batteries.
- Remove the dead batteries immediately to prevent them from liquid leaking in the battery compartment. Do not touch exposed battery acid, as it can damage your skin.




**NOTE: If you do not intend to use the remote control for a long period, remove the batteries.**

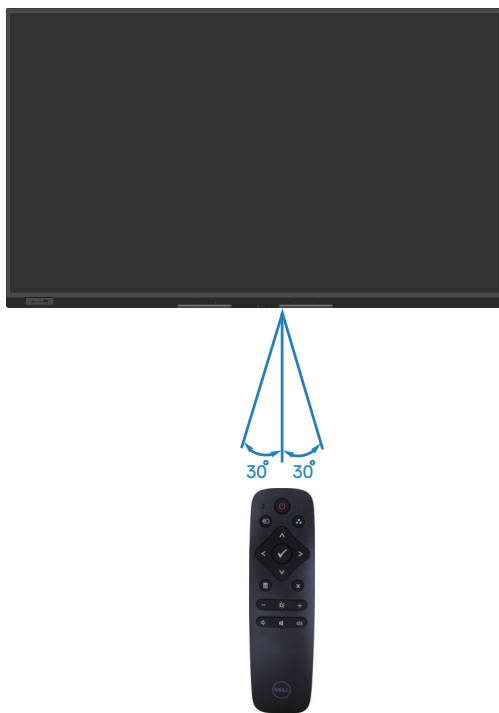


## Operating range of the remote control

Point the top of the remote control toward the LCD monitor's remote sensor during button operation.

Use the remote control within a distance of about 8 m from remote control sensor or at a horizontal and vertical angle of within  $30^{\circ}$  within a distance of about 5.6 m.

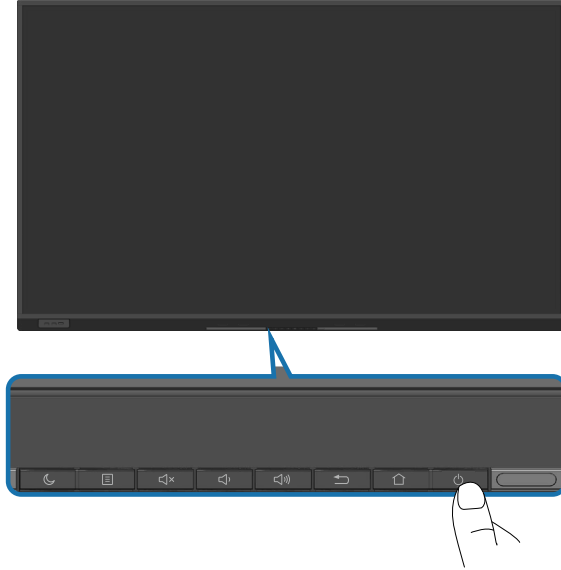
 **NOTE:** The remote control may not function properly when the remote control sensor on the monitor is under direct sunlight or strong illumination, or when there is an obstacle in the path of signal transmission.



# Operating the monitor

## Power on the monitor

Press the  button to turn on the monitor.



After you first power on the system. Follow the on-screen instructions to set up the language, network, date and time.

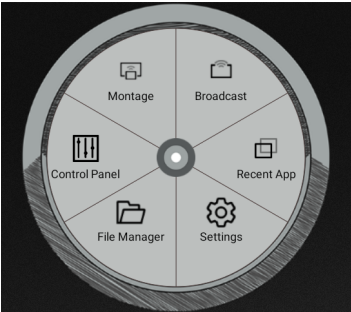
## Home Launcher



The system will go to Home Launcher after it finished the initial process, it is the main page of this display.



# Shortcut Panel



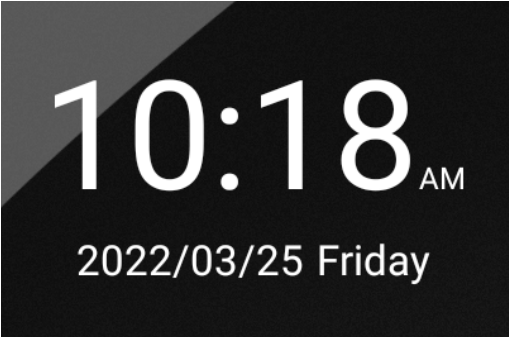
Function	Description
Montage*	Launch Montage
Broadcast*	Launch Broadcast
Control Panel	Open Control Panel
Recent App	Launch Recent App
File manager	Open File Manager
Settings	Open Settings

\* For more information, see <https://support.displaynote.com>.

 **NOTE:** During DisplayNote Broadcast, user is unable to switch the input source.



Date & Time



Item	Function	Description
Date & Time	Time	Current time at set timezone.
	Date or Day of a week	Show calendar day and day in week.

Compass



Item	Function	Description
Show Compass	Call up	Put 5-fingers on screen and hold about 1 second.
Fold/Unfold	Fold	Click the blue dot to hide all shortcut.
	Unfold	Click again to expand all.
Shortcuts	Back	Back previous interface or exit the application.
	Control Panel	Open Control Panel.
	File manager	Open File Manager.
	Settings	Open Settings.
	Recent app	Launch recent app.
	HOME	Go to Home Launcher.



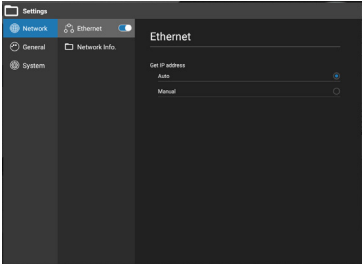
## Sidebar



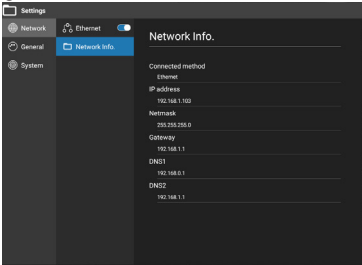
Function	Description
Hide/show	Hide or show the sidebar. The Hide/Show key is up/down movable.
Back	Back previous interface or exit the application.
Home	Go to Home Launcher.
Settings	Open Settings.
File manager	Open File manager.
Source list	Open Source list.
Control panel	Open Control panel.
Power	Standby/Sleep/Reboot.



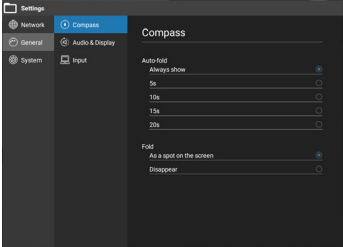
Menu	submenus	Description
Network	Ethernet	Choose an available one to connect to: Select “ <b>Auto</b> ”: Auto get IP from DHCP server. Select “ <b>Manual</b> ”: Set IP address/Default gateway/ Netmask/DNS address/DNS2 address to link to server.



Network Info.	Show current connected IP address/Default gateway/Netmask/DNS address/DNS2 address.
---------------	---



Menu	submenus	Description
General	Compass	<b>Auto-fold:</b> Always/5/10/15/20 seconds. <b>Fold:</b> As a spot on the screen/disappear.

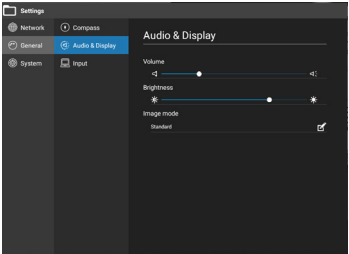


**Audio & Display**

**Volume:** Adjust to increase or decrease the audio output level.

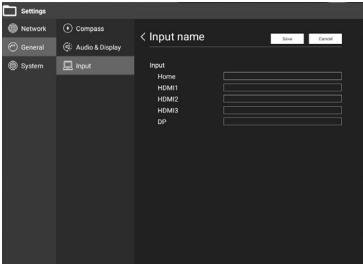
**Brightness:** Adjust the overall image and backlight.


**Image mode:** The value can't be changed. It will auto change to **Custom mode** when **Contrast** or **Saturation** changed. Image mode only works with **HDMI, DP** source.

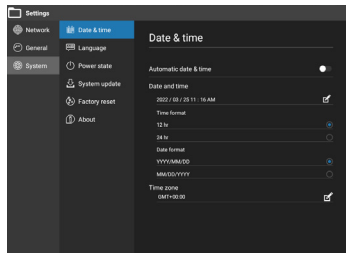


**Input**

**Input name:** Click the input box, customize the channel name, modify the name, click **"Save"**, the corresponding channel name of the system will be modified simultaneously.

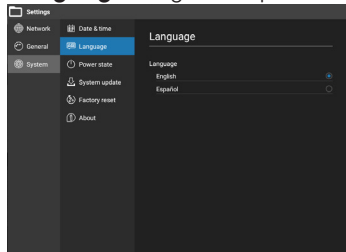


Menu	submenus	Description
System	Date & time	<p><b>Automatic date &amp; time:</b> Sync date and time from network.</p> <p><b>Date and time:</b> Depends on the <b>Automatic date &amp; time</b>: 1. You can get three time from network when turns <b>on</b>.</p> <p>2. You need to press the icon to modify the time when turns <b>off</b>.</p> <p> <b>NOTE: Automatic date&amp;time is sync with Time Zone, not follow user location.</b></p> <p><b>Time format:</b> 12 hr or 24 hr.</p> <p><b>Date format:</b> YYYY/MM/DD or MM/DD/YYYY.</p> <p><b>Time zone:</b> Choose Time zone.</p>

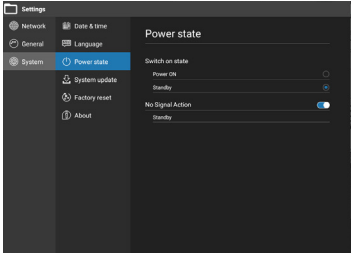


## Language

**Language:** English, Español

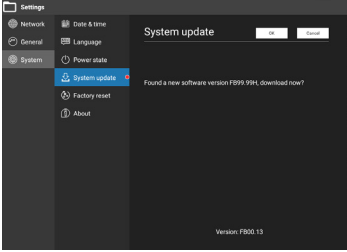


Menu	submenus	Description
	<b>Power state</b>	<p><b>Switch on state:</b> Standby/Power on. Select the display status used for the next time you resume from AC power on.</p> <p><b>No Signal Action:</b> Standby/Sleep. Enter Standby or Sleep mode after 9.5 minutes of no <b>HDMI</b> and <b>DP</b> signal.</p> <p><b>Sleep Wakeup:</b> Allows you to use “<b>Remote Control Power Key</b>”, “<b>Power Key</b>”, “<b>Sleep Key</b>” or “<b>Touch Screen</b>” to wake up the system when system is in sleep mode.</p> <p>(1) <b>Front/bottom/side physical key:</b> Press Sleep/Power button can wake up from sleep mode.</p> <p>(2) <b>Remote control:</b> Only Power button can wake up, and other buttons disable.</p> <p>(3) <b>Touch:</b> Touch front screen can wake up.</p>



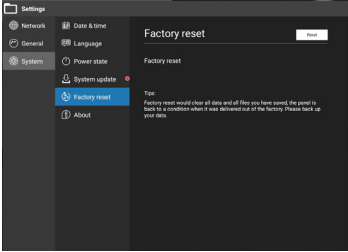
 **NOTE:** Please enter standby mode before switch AC power to off.



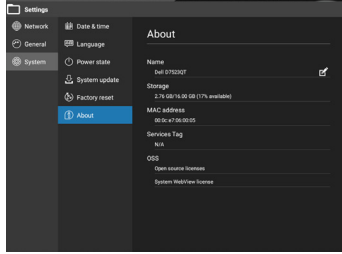
Menu	submenus	Description
	<b>System update</b>	<p>System will check for update when open Settings and system is connected to Internet.</p> <p>If no new software is available,  <b>“Congratulations! You are using the newest version of software.”</b></p> <p>If the new software version is found, <b>“Found new software version FBXX XX, download now?”</b> is displayed, the buttons are <b>“OK”</b> and <b>“Cancel”</b> and a red dot appears next to the <b>System update</b> until the system is updated.</p> <p>If not connected to the Internet, the message <b>“Cannot connect to the network, please check the network connection.”</b> is displayed. Choose the buttons <b>“Close”</b> and <b>“Retry”</b> to confirm.</p> <p><b>Version: FBXX.XX:</b> Show system software version.</p> 

### Factory reset

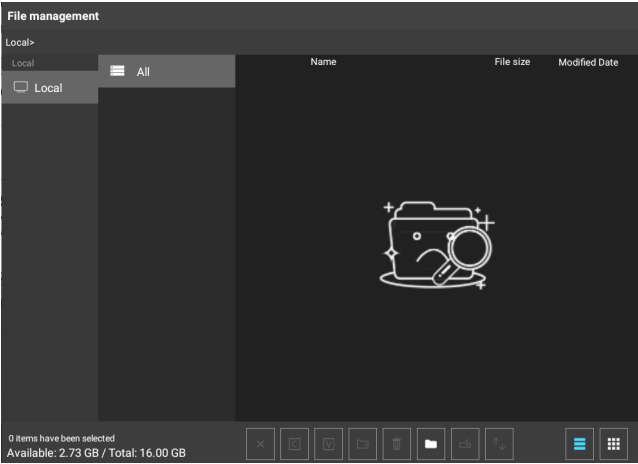
Allows you to perform factory reset.



Menu	submenus	Description
	About	<p><b>Name:</b> Show the display name.</p> <p><b>Storage:</b> Show the information of storage.</p> <p><b>MAC address:</b> Show Mac address.</p> <p><b>Services Tag:</b> Show service tag.</p> <p><b>OSS:</b> Open source licenses/System WebView license.</p>



# File manager



Icon	Function	Description
	Select all	Auto select all items in current folder.
	Copy	Copy all objects selected by the user.
	Paste	Paste all objects copied by the user.
	Move	Move all objects selected by the user.
	Delete	Delete all objects selected by the user.
	New Folder	Add a new folder.
	Rename	Rename the file.
	Sort	Sort the file by Name/File size/Modified Date.





View (List)

Set the view mode to list mode (Default).



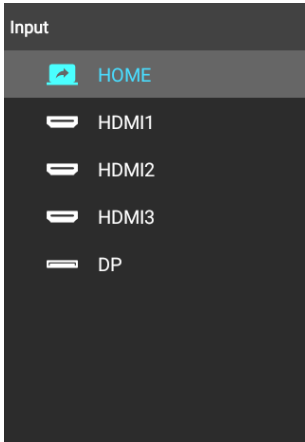
View (Thumbnail)

Set the view mode to thumbnail mode.



**NOTE: Thumb-drive support format: FAT32 & NTFS**

## Source list



### Function

### Description

Source list

HOME: Switch to HOME Launcher.

HDMI1: Switch to HDMI1.

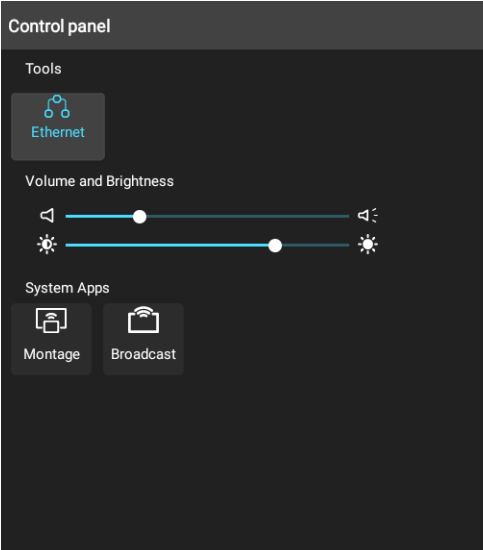
HDMI2: Switch to HDMI2.

HDMI3: Switch to HDMI3.

DP: Switch to DP.



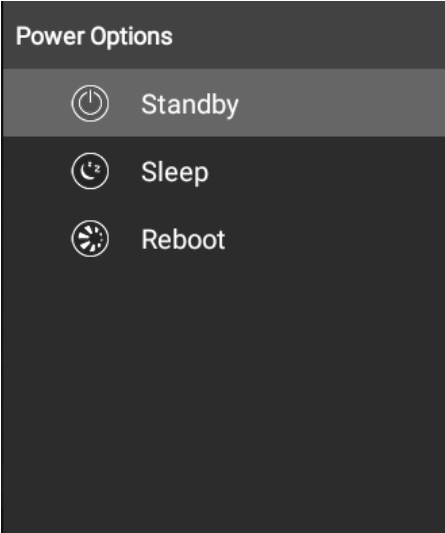
# Control panel



Function	Item	Description
Tools	Ethernet	Click to on/off.
Volume and Brightness	Volume	Change the volume by Sidebar.
	Brightness	Change the brightness by Sidebar.
System Apps	Click to launch Montage/Broadcast.	



Power Options



Function	Description
Standby	Turn off the system
Sleep	Turn off the backlight
Reboot	Reboot the system



## Setting the maximum resolution



**NOTE:** The steps may vary slightly depending on the version of Windows you have.

In Windows 8.1:

1. For Windows 8.1, select the Desktop tile to switch to classic desktop.
2. Right-click the desktop and click **Screen Resolution**.
3. If you have more than one monitor connected, ensure that you select **D7523QT**.
4. Click the **Screen Resolution** drop-down list and select **3840 x 2160**.
5. Click **OK**.

In Windows 10 and Windows 11:

1. Right-click the desktop and click **Display settings**.
2. If you have more than one monitor connected, ensure to select **D7523QT**.
3. Click the **Display Resolution** drop-down list and select **3840 x 2160**.
4. Click **Keep changes**.

If you do not see 3840 x 2160 as an option, you must update your graphics driver to the latest version. Depending on your computer, complete one of the following procedures:

If you have a Dell desktop or laptop:

- Go to <https://www.dell.com/support>, enter your service tag, and download the latest driver for your graphics card.

If you are using a non-Dell computer (laptop or desktop):

- Go to the support site for your computer and download the latest graphic drivers.
- Go to your graphics card website and download the latest graphic drivers.



# Troubleshooting

## Firewalls and proxies

For remote connections, the receiver and clients need to be able to access the internet through these ports;

- TCP 80
- TCP 443
- UDP 53

For local connections (i.e., clients on the same network the following ports are used;

- TCP 1-65535 (It will be selected from available ones)
- UDP 1025 – 65535
- TCP 4700, 7000, 7100 (For Airplay connections)

If there is Layer 7 filtering or proxy with protocol filtering on these ports, then the following protocols will need to be allowed:

- HTTP
- HTTPS
- DTLS
- XMPP
- Bonjour protocols
- SRTP
- DNS
- STUN
- TURN
- ICE

Our SaaS provides services at the following FQDNs:

- netcheck.joinmontage.com
- montage.displaynote.com
- xmpp.displaynote.com
- stunturn-prod-ireland.displaynote.com
- stunturn-prod-mumbai.displaynote.com
- stunturn-prod-singapore.displaynote.com



- `stunturn-prod-virginia.displaynote.com`
- `stunturn-prod-california.displaynote.com`

## Proxy support

The Montage Windows/OSX software support proxy configuration. The following proxy types are supported:

- HTTP Proxy (with or without authentication)
- SOCKS 5 (with or without authentication)
- Proxy with Auto-Configuration File (PAC). Windows only.
- System proxy. Windows only.

## Network requirements

Broadcast requires an active internet connection. If you have a firewall or other security on your network you must be able to access the following ports and addresses:

### Ports:

- TCP 80, 443, 3478, 5379, 19305 and 19307
- UDP 0-65535

### The following endpoints are used:

- 443 TCP: 178.128.200.49
- Media server: 139.59.147.57
- Stun/turn server: 46.101.217.109

## Possible IP range

Due to how Broadcast adapts its server requirements to make sure users get the best possible experience there is a large range of potential IP addresses that Broadcast may use. If you need to whitelist all addresses please refer to the following ranges. Broadcast adaptive IP range

## Still can't connect?

If you are still having problems, please get in touch with the DisplayNote support team who will be pleased to help.

<https://www.displaynote.com/support>.



## Contacting DisplayNote

Both the DisplayNote Montage and DisplayNote Broadcast applications are supported by DisplayNote directly.


To contact DisplayNote for technical support, see <https://www.displaynote.com/support> [displaynote.com].

DisplayNote Support Center <https://support.displaynote.com/> [support.displaynote.com].



# Common problems

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

-  **WARNING: 1. The monitor LCD panel duty cycle is designed for 12 hours a day, 7 days a week.**
- 2. Usage higher than the designed duty cycle may result in premature decrease in panel backlight luminance, which may not be covered under warranty.**

Common symptoms	Possible solutions
No video/Power LED off	<ul style="list-style-type: none"><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 pressed.</li><li>Ensure that the correct input source is selected via the <a href="#">Input source</a> menu.</li></ul>
No video/Power LED on	<ul style="list-style-type: none"><li>Increase brightness and contrast controls using the OSD.</li><li>Check for bent or broken pins in the video cable connector.</li><li>Ensure that the correct input source is selected via the <a href="#">Input source</a> menu.</li></ul>
Poor focus	<ul style="list-style-type: none"><li>Eliminate video extension cables.</li><li>Reset the monitor to factory settings (Factory Reset).</li><li>Change the video resolution to the correct aspect ratio.</li></ul>
Shaky/Jittery video	<ul style="list-style-type: none"><li>Reset the monitor to factory settings (Factory Reset).</li><li>Check environmental factors.</li><li>Relocate the monitor and test in another room.</li></ul>
Missing pixels	<ul style="list-style-type: none"><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: <a href="http://www.dell.com/support/monitors">www.dell.com/support/monitors</a>.</li></ul>



<b>Common symptoms</b>	<b>Possible solutions</b>
Stuck-on pixels	<ul style="list-style-type: none"> <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: <a href="http://www.dell.com/support/monitors">www.dell.com/support/monitors</a>.</li> </ul>
Brightness problems	<ul style="list-style-type: none"> <li>. Reset the monitor to factory settings (Factory Reset).</li> <li>. Adjust brightness &amp; contrast controls via OSD.</li> </ul>
Geometric distortion	<ul style="list-style-type: none"> <li>. Reset the monitor to factory settings (Factory Reset).</li> <li>. Adjust horizontal &amp; vertical controls via OSD.</li> </ul>
Horizontal/Vertical lines	<ul style="list-style-type: none"> <li>. Reset the monitor to factory settings (Factory Reset).</li> <li>. Check for bent or broken pins in the video cable connector.</li> </ul>
Synchronization problems	<ul style="list-style-type: none"> <li>. Reset the monitor to factory settings (Factory Reset).</li> <li>. Check for bent or broken pins in the video cable connector.</li> <li>. Restart the computer in the safe mode.</li> </ul>
Safety related Issues	<ul style="list-style-type: none"> <li>. Do not perform any troubleshooting steps.</li> <li>. Contact Dell immediately.</li> </ul>
Intermittent problems	<ul style="list-style-type: none"> <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 (Factory Reset).</li> </ul>
Missing color	<ul style="list-style-type: none"> <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>



# Product-specific problems

Specific symptoms	Possible solutions
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Screen image is too small	<ul style="list-style-type: none"><li>. Reset the monitor to factory settings (Factory Reset).</li></ul>
Cannot adjust the monitor with the buttons on the back of the panel	<ul style="list-style-type: none"><li>. Turn off the monitor, unplug the power cord, plug it back, and then turn On the monitor.</li></ul>
No input signal when user controls are pressed	<ul style="list-style-type: none"><li>. Check the signal source. Ensure the computer is not in standby or sleep mode by moving the mouse or pressing any key on the keyboard.</li><li>. Check if the video cable is plugged in properly. Disconnect and reconnect the video cable if necessary.</li><li>. Reset the computer or video player.</li></ul>
The picture does not fill the entire screen	<ul style="list-style-type: none"><li>. Due to different video formats (aspect ratio) of DVDs, the monitor may display in full screen.</li></ul>



# Appendix

## Safety instructions

 **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 Environment and Regulatory Information (SERI)**.


 **WARNING:** This equipment is compliant with Class A of EN55032/CISPR 32. In a residential environment this equipment may cause radio interference.

## 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](http://www.dell.com/regulatory_compliance).

Please follow these safety instructions for best performance, and long life for your monitor:


1. The socket-outlet shall be installed near the equipment and shall be easily accessible.
2. The equipment can be installed on wall or ceiling mounting in horizontal position.
3. The monitor is equipped with a three-pronged grounded plug, a plug with a third (Grounding) pin.
4. Do not use this product near water.
5. Read these instructions carefully. Keep this document for future reference. Follow all warnings and instructions marked on product.
6. Excessive sound pressure from earphones and headphones can cause hearing loss. Adjustment of the equalizer to maximum increases the earphones and headphones output voltage and therefore the sound pressure level.


 **NOTE:** This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.



## Contacting Dell

To contact Dell for sales, technical support, or customer service issues, see [www.dell.com/contactdell](http://www.dell.com/contactdell).

 **NOTE:** Availability varies by country or region and product, and some services may not be available in your country or region.

 **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.

## Maintenance guidelines

### Cleaning your display


 **WARNING:** Using improper methods when cleaning the display can result in a physical damage to the screen or the body of your Dell display.


 **CAUTION:** Read and follow the [Safety instructions](#) before cleaning the display.


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

For best practices, follow the instructions in the list below when unpacking, cleaning, or handling your display:

- To clean the Dell display screen, lightly dampen a soft, clean cloth with water. If possible, use a special screen-cleaning tissue or solution that is suitable for the Dell display screen.

 **CAUTION:** Do not use detergents or other chemicals such as benzene, thinner, ammonia, abrasive cleaners, or compressed air.

 **CAUTION:** Using chemicals for cleaning may cause changes in the appearance of the display, such as color fading, milky film on the display, deformation, uneven dark shade, and peeling of screen area.

 **WARNING:** Do not spray the cleaning solution or even water directly on the surface of the display. The liquid can accumulate at the bottom of the display panel and corrode the electronics resulting in permanent damage. Instead, apply the cleaning solution or water to a soft cloth and then clean the display.





**NOTE: Display damage due to improper cleaning methods and use of benzene, thinner, ammonia, abrasive cleaners, alcohol, compressed air, detergent of any kind can lead to a Customer Induced Damage (CID). CID is not covered under the standard Dell warranty.**

- If you notice white powder when you unpack your display, wipe it off with a cloth.
- Handle your display with care as a dark-colored display may get scratched and show white scuff marks more than a light-colored display.
- To help maintain the best image quality on your display, use a dynamically changing screen saver and turn off your display when not in use.

