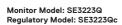
Dell SE3223Q Monitor

User's Guide





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

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Safety instructions

Use the following safety guidelines to protect your monitor from potential damage and to ensure your personal safety. Unless otherwise noted, each procedure included in this document assumes that you have read the safety information that shipped with your monitor.

NOTE: Before using the monitor, read the safety information that is shipped with your monitor and printed on the product. Keep the documentation at a secure location for future reference.

MARNING: 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.

MARNING: The possible long-term effect of listening to audio at high volume through the headphones (on monitor that support it) may cause damage to your hearing ability.

- Place the monitor on a solid surface and handle it carefully. The screen is fragile and can be damaged if dropped or hit with a sharp object.
- Ensure that your monitor is electrically rated to operate with the AC power available in your location.
- Keep the monitor in room temperature. Excessive cold or hot conditions can have an adverse effect on the liquid crystal of the display.
- Connect the power cable from the monitor to a wall outlet that is near and accessible. See Connecting your monitor.
- Do not place and use the monitor on a wet surface or near water.
- Do not subject the monitor to severe vibration or high impact conditions. For example, do not place the monitor inside a car trunk.
- · Unplug the monitor when it is going to be left unused for an extended period.
- To avoid electric shock, do not attempt to remove any cover or touch the inside of the monitor.
- Read these instructions carefully. Keep this document for future reference. Follow all warnings and instructions marked on product.
- Certain monitors can be wall mounted using the VESA mount that is sold separately. Ensure to use the correct VESA specifications as mentioned in the wall mounting section of the User's Guide.

For information on safety instructions, see the Safety, Environmental, and Regulatory Information (SERI) document that is shipped with your monitor.



About your monitor

Package contents

The following table provides the list of components that are shipped with your monitor. If any component is missing, contact Dell. For more information, see Contacting Dell.



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

Component image	Component description
	Display
The state of the s	Stand riser
	Stand base
	VESA cover



Component image	Component description
	Power cable (varies by countries)
	HDMI 2.0 cable (1.8 meters)
	Quick Start Guide Safety, Environmental, and Regulatory Information



Product features

The Dell SE3223Q monitor has an active matrix, Thin-Film Transistor (TFT), Liquid Crystal Display (LCD), anti-static, and LED backlight. The monitor has the following features:

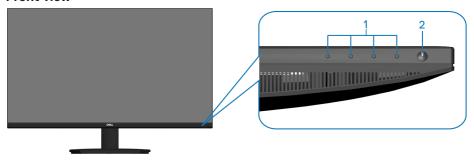
- 80.01 cm (31.50 in.) viewable area display (measured diagonally).
- 3840 x 2160 resolution, with full-screen support for lower resolutions.
- AMD FreeSync Technology, which minimizes graphic distortions like screen tearing and stuttering for smoother, fluid gameplay.
- · Supports 40 Hz to 60 Hz (DisplayPort and HDMI) in FreeSync Mode.
- · Supports Picture by Picture (PBP) and Picture in Picture (PIP) modes.
- · Supports audio line out to connect an external speaker.
- · Color gamut of 99% sRGB (typical).
- · Digital connectivity with DisplayPort and HDMI.
- · Plug-and-play capability if supported by your computer.
- · On-Screen Display (OSD) adjustments for ease of setup and screen optimization.
- Removable stand and Video Electronics Standards Association (VESA) 100 mm mounting holes for flexible mounting solutions.
- · Tilt capabilities.
- · Power and OSD buttons lock.
- · Security-lock slot (for Kensington locks, sold separately).
- · Stand lock.
- · ≤0.3 W in Standby Mode.
- · TÜV-certified ComfortView and Flicker-free.

MARNING: The possible long-term effects of blue light emission from the monitor may cause damage to the eyes, which includes but is not limited to eye fatigue and digital eye strain. TÜV-certified ComfortView feature is designed to reduce the amount of blue light emitted from the monitor to optimize eye comfort.



Identifying parts and controls

Front view



Label	Description	Use
1	Function buttons	To access the on-screen display (OSD) menu. (For more information, see Using the control buttons.)
2	Power On/Off button (LED indicator)	To turn the monitor on or off. Solid white light indicates that the monitor is turned on and functioning normally. Blinking white light indicates that the monitor is in Standby Mode.



Back view





Label	Description	Use
1	Four (04) VESA mounting holes (100 mm x 100 mm - behind the	Wall-mount the monitor using VESA-compatible wall-mount kit.
	VESA cover)	NOTE: Wall-mount kit is not shipped with your monitor and is sold separately.
2	Regulatory information label	Lists the regulatory approvals.
3	Stand release button	Releases the stand from the monitor.
4	Regulatory label (including Barcode serial number and Service Tag label)	Lists the regulatory approvals. Refer to this label if you need to contact Dell for technical support. The Service Tag is a unique alphanumeric identifier that enables Dell service technicians to identify the hardware components in your computer and access warranty information.



Side view



Label	Description	Use
1	Cable management slot	To organize cables.



Bottom view



Label	Description	Use
1	Security-lock slot (based on Kensington Security Slot)	Secure your monitor using a security lock (purchased separately) to prevent unauthorized movement of your monitor.
2	Power connector	Connect the power cable (shipped with your monitor).
3	HDMI 2.0 port (HDMI 1)	Connect to your computer or external device using a HDMI cable (shipped with your monitor).
4	HDMI 2.0 port (HDMI 2)	
5	DisplayPort 1.2	Connect to your computer or external device using a DisplayPort cable (purchased separately).
6	Audio line-out port	Connect to an external speaker (purchased separately).*

^{*}Audio line-out port does not support headsets.



Monitor specifications

Model	SE3223Q
Screen type	Active matrix - TFT LCD
Panel type	Vertical Alignment
Aspect ratio	16:9
Viewable image	
Diagonal	800.10 mm (31.50 in.)
Horizontal, Active Area	697.31 mm (27.45 in.)
Vertical, Active Area	392.23 mm (15.44 in.)
Area	273505.90 mm² (423.93 in.²)
Maximum resolution and refresh rate	3840 x 2160 at 60 Hz
Pixel pitch	0.18159 mm x 0.18159 mm
Pixel per inch (PPI)	139
Viewing angle	
Horizontal	178° (typical)
Vertical	178° (typical)
Luminance output	300 cd/m² (typical)
Contrast ratio	3000 to 1 (typical)
Faceplate coating	Anti-glare treatment of the front polarizer (3H) hard coating.
Backlight	LED edgelight system
Color depth	1.07 billion colors
Color gamut	sRGB 99% (typical)



Model	SE3223Q
Response time	8 ms gray to gray in Normal mode
	5 ms gray to gray in Fast mode
	4 ms gray to gray in Extreme mode*
	* The 4 ms gray-to-gray mode is achievable in the Extreme mode to reduce visible motion blur and increased image responsiveness. However this may introduce some slight and noticeable visual artifacts into the image. As every system setup and every user's needs are different, we recommend that users experiment with the different modes to find the setting that is right for them.
Connectivity	2 x HDMI 2.0 ports (HDCP 2.2)
	1 x DisplayPort 1.2 (HDCP 2.2)
	1 x Audio line-out port
Bezel width (edge of m	onitor to active area)
Тор	8.00 mm
Left/Right	8.05 mm
Bottom	17.18 mm
Adjustability	
Height-adjust	Not available
Tilt	-5° to 11°
Swivel	Not available
Slant Adjust	Not available
Cable management	Yes
Dell Display Manager compatibility	Dell Easy Arrange and other key features
Security	Security-lock slot (for Kensington locks, sold separately)

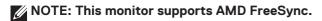


Resolution specifications

Model	SE3223Q
Horizontal scan range	29 kHz to 140 kHz
Vertical scan range	40 Hz to 60 Hz
Maximum preset resolution	3840 x 2160

Supported video modes

Model	SE3223Q
Video display capabilities (HDMI or DisplayPort)	480p, 576p, 720p, 1080p, 1080i (HDMI), 1440p, 2160p





Preset display modes

HDMI Preset display modes

Display Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Clock (MHz)	Sync Polarity (Horizontal / Vertical)
VESA, 640 x 480	31.47	60.00	25.18	-/-
VESA, 640 x 480	37.50	75.00	31.50	-/-
IBM, 720 x 400	31.47	70.00	28.32	-/+
VESA, 800 x 600	37.88	60.00	40.00	+/+
VESA, 800 x 600	46.86	75.00	49.50	+/+
VESA, 1024 x 768	48.36	60.00	65.00	-/-
VESA, 1024 x 768	60.02	75.00	78.75	+/+
VESA, 1152 x 864	67.50	75.00	108.00	+/+
VESA, 1280 x 1024	63.98	60.00	108.00	+/+
VESA, 1280 x 1024	79.98	75.00	135.00	+/+
VESA, 1600 x 900	60.00	60.00	108.00	+/+
VESA, 1600 x 1200	75.00	60.00	162.00	+/+
VESA, 1680 x 1050	65.30	60.00	146.25	-/+
CTA, 1920 x 1080	67.50	60.00	148.50	+/+
VESA, 1920 x 1200	74.04	60.00	154.00	+/-
VESA, 2560 x 1440	88.79	60.00	241.50	+/-
VESA, 3840 x 2160	110.50	50.00	442.00	+/-
VESA, 3840 x 2160	135.00	60.00	594.00	+/-



DisplayPort Preset display modes

Display Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Clock (MHz)	Sync Polarity (Horizontal / Vertical)
VESA, 640 x 480	31.47	60.00	25.18	-/-
VESA, 640 x 480	37.50	75.00	31.50	-/-
IBM, 720 x 400	31.47	70.00	28.32	-/+
VESA, 800 x 600	37.88	60.00	40.00	+/+
VESA, 800 x 600	46.86	75.00	49.50	+/+
VESA, 1024 x 768	48.36	60.00	65.00	-/-
VESA, 1024 x 768	60.02	75.00	78.75	+/+
VESA, 1152 x 864	67.50	75.00	108.00	+/+
VESA, 1280 x 1024	63.98	60.00	108.00	+/+
VESA, 1280 x 1024	79.98	75.00	135.00	+/+
VESA, 1600 x 900	60.00	60.00	108.00	+/+
VESA, 1600 x 1200	75.00	60.00	162.00	+/+
VESA, 1680 x 1050	65.30	60.00	146.25	-/+
CTA, 1920 x 1080	67.50	60.00	148.50	+/+
VESA, 1920 x 1200	74.04	60.00	154.00	+/-
VESA, 2560 x 1440	88.79	60.00	241.50	+/-
VESA, 3840 x 2160	110.55	50.00	433.36	+/-
VESA, 3840 x 2160	133.31	60.00	533.25	+/-



PIP enabled (sub source)

Display Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Clock (MHz)	Sync Polarity (Horizontal / Vertical)
VESA, 640 x 480	31.47	60.00	25.18	-/-
VESA, 640 x 480	37.50	75.00	31.50	-/-
IBM, 720 x 400	31.47	70.00	28.32	-/+
VESA, 800 x 600	37.88	60.00	40.00	+/+
VESA, 800 x 600	46.86	75.00	49.50	+/+
VESA, 1024 x 768	48.36	60.00	65.00	-/-
VESA, 1024 x 768	60.02	75.00	78.75	+/+
VESA, 1152 x 864	67.50	75.00	108.00	+/+
VESA, 1280 x 1024	63.98	60.00	108.00	+/+
VESA, 1280 x 1024	79.98	75.00	135.00	+/+
VESA, 1600 x 900	60.00	60.00	108.00	+/+
VESA, 1600 x 1200	75.00	60.00	162.00	+/+
VESA, 1680 x 1050	65.30	60.00	146.25	-/+
CTA, 1920 x 1080	67.50	60.00	148.50	+/+



PBP enabled (main/sub source)

Display Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Clock (MHz)	Sync Polarity (Horizontal / Vertical)
VESA, 640 x 480	31.47	60.00	25.18	-/-
VESA, 640 x 480	37.50	75.00	31.50	-/-
IBM, 720 x 400	31.47	70.00	28.32	-/+
VESA, 800 x 600	37.88	60.00	40.00	+/+
VESA, 800 x 600	46.86	75.00	49.50	+/+
VESA, 1024 x 768	48.36	60.00	65.00	-/-
VESA, 1024 x 768	60.02	75.00	78.75	+/+
VESA, 1152 x 864	67.50	75.00	108.00	+/+
VESA, 1280 x 1024	63.98	60.00	108.00	+/+
VESA, 1280 x 1024	79.98	75.00	135.00	+/+
VESA, 1600 x 900	60.00	60.00	108.00	+/+
VESA, 1600 x 1200	75.00	60.00	162.00	+/+
VESA, 1680 x 1050	65.30	60.00	146.25	-/+
CTA, 1920 x 1080	67.50	60.00	148.50	+/+
VESA, 1920 x 1200	74.04	60.00	154.00	+/-
VESA 1920 x 2160	133.29	60.00	277.25	+/-



Electrical specifications

Model	SE3223Q
Video input signals	HDMI 2.0, 600 mV for each differential line, 100 ohm input impedance per differential pair
	DisplayPort 1.2, 600 mV for each differential line, 100 ohm input impedance per differential pair
AC input voltage/	100 VAC to 240 VAC/50 Hz or 60 Hz ± 3 Hz / 1.5 A
frequency/current	(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	0.3 W (Off mode) ¹
	0.3 W (Standby Mode) ¹
	32 W (On Mode) ¹
	60 W (Maximum) ²
	33.5 W (Pon) ³
	104.42 kWh (TEC) ³

¹ As defined in EU 2019/2021 and EU 2019/2013.

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 peripherals you ordered and Dell 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.



² Maximum brightness and contrast setting.

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

Physical characteristics

Model	SE3223Q
Signal cable type	Digital: DisplayPort, 20 pins(cable not included)
	· Digital: HDMI, 19 pins



NOTE: Dell monitors are designed to work optimally with the video cables that are shipped with your monitor. As Dell does not have control over the different cable suppliers in the market, the type of material, connector and process used to manufacture these cables, Dell does not guarantee video performance on cables that are not shipped with your Dell monitor.

Dimensions (with stand):		
511.26 mm (20.13 in.)		
713.40 mm (28.09 in.)		
217.87 mm (8.58 in.)		
):		
421.60 mm (16.60 in.)		
713.40 mm (28.09 in.)		
58.76 mm (2.31 in.)		
198.78 mm (7.83 in.)		
281.96 mm (11.10 in.)		
217.87 mm (8.58 in.)		
281.96 x 217.87 mm (11.10 in. x 8.58 in.)		
11.01 kg (24.27 lb)		
7.79 kg (17.17 lb)		
6.44 kg (14.20 lb)		
1.07 kg (2.36 lb)		
Black frame 2-4 gloss units		



Environmental characteristics

Model	SE3223Q	
Compliant Standards:		
· RoHS-compliant		
BFR/PVC reduce monitor laminates).	(The circuit boards are made from BFR/PVC-free	
Arsenic-free glass and Me	ercury-free for the panel only	
Temperature:		
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)	
Humidity:		
Operating	10% to 80% (non-condensing)	
Non-operating	· Storage 5% to 90% (non-condensing)	
	· Shipping 5% to 90% (non-condensing)	
Altitude:		
Operating (maximum)	5,000 m (16,400 ft)	
Non-operating (maximum)	12,192 m (40,000 ft)	
	205.20 BTU/hour (Maximum)	
Thermal dissipation	109.44 BTU/hour (On Mode)	



Pin assignments

DisplayPort connector



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 (n)
8	GND
9	ML1 (p)
10	ML0 (n)
11	GND
12	ML0 (p)
13	GND
14	GND
15	AUX (p)
16	GND
17	AUX (n)
18	Hot Plug Detect
19	Re-PWR
20	+3.3 V 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



Plug-and-Play capability

You can install the monitor in any Plug-and-Play compatible computer . The monitor automatically provides the computer with its Extended Display Identification Data (EDID) using Display Data Channel (DDC) protocols so the system can configure itself and optimize the monitor settings. Most monitor installations are automatic, you can select different settings, if necessary. For more information about changing the monitor settings, see Operating your 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 Dell Monitor Quality and Pixel Policy, see Dell Support site at www.dell.com/pixelguidelines.



Ergonomics

CAUTION: Improper or prolonged usage of keyboard may result in injury.



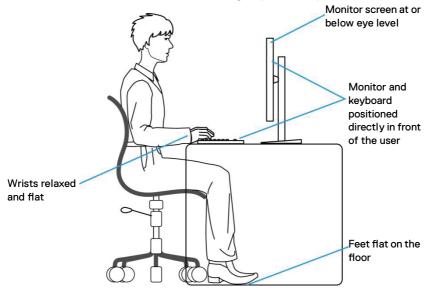
may result in eye strain.

For comfort and efficiency, observe the following guidelines when setting up and using your computer workstation:

- Position your computer so that the monitor and keyboard are directly in front of you as you work. Special shelves are commercially available to help you correctly position your keyboard.
- · To reduce the risk of eye strain and neck, arm, back, or shoulder pain from using the monitor for long period, we recommend you to:
 - 1. Set the distance of the screen between 20 in. to 28 in. (50 cm 70 cm) from your eyes.
 - 2. Blink frequently to moisten your eyes or wet your eyes with water after prolonged usage of the monitor.
 - 3. Take regular and frequent breaks for 20 minutes every two hours.
- 4. Look away from your monitor and gaze at a distant object at 20 feet away for at least 20 seconds during the breaks.
- 5. Perform stretches to relieve tension in the neck, arm, back, and shoulders during the breaks.
- · Ensure that the monitor screen is at eye level or slightly lower when you are sitting in front of the monitor.
- · Adjust the tilt of the monitor, its contrast, and brightness settings.
- · Adjust the ambient lighting around you (such as overhead lights, desk lamps, and the curtains or blinds on nearby windows) to minimize reflections and glare on the monitor screen.
- Use a chair that provides good lower-back support.
- · Keep your forearms horizontal with your wrists in a neutral, comfortable position while using the keyboard or mouse.
- · Always leave space to rest your hands while using the keyboard or mouse.
- · Let your upper arms rest naturally on both sides.
- Ensure that your feet are resting flat on the floor.



- When sitting, ensure that the weight of your legs is on your feet and not on the front portion of your seat. Adjust your chair's height or use a footrest if necessary to maintain a proper posture.
- Vary your work activities. Try to organize your work so that you do not have to sit and work for extended periods of time. Try to stand or get up and walk around at regular intervals.
- Keep the area under your desk clear of obstructions and cables or power cords that may interfere with comfortable seating or present a potential trip hazard.

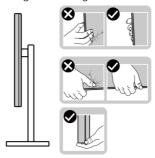




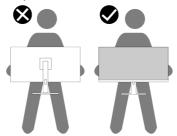
Handling and moving your display

To ensure that the monitor is handled safely when lifting or moving it, observe the following guidelines:

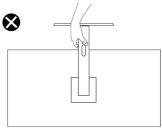
- · Before moving or lifting the monitor, turn off your computer and the monitor.
- · Disconnect all cables from the monitor.
- Place the monitor in the original box with the original packing materials.
- Hold the bottom edge and the side of the monitor firmly without applying excessive pressure when lifting or moving the monitor.



• When lifting or moving the monitor, ensure that the screen is facing away from you. Do not press on the display area to avoid any scratches or damage.



- · When transporting the monitor, avoid any sudden shock or vibration to it.
- When lifting or moving the monitor, do not turn the monitor upside down while holding the stand base or stand riser. It may result in accidental damage to the monitor or cause personal injury.





Maintenance guidelines

Cleaning your monitor

- MARNING: Using improper methods when cleaning the monitor can result in a physical damage to the screen or the body of your Dell monitor.
- monitor.
- MARNING: Before cleaning the monitor, unplug the monitor power cable from the electrical outlet.

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

- · To clean the Dell monitor screen, lightly dampen a soft, clean cloth with water. If possible, use a special screen-cleaning tissue or solution suitable for the Dell monitor screen.
- ∧ CAUTION: Do not use detergents or other chemicals such as benzene, thinner, ammonia, abrasive cleaners, or compressed air.
- \bigwedge CAUTION: Using chemicals for cleaning may cause changes in the appearance of the monitor, such as color fading, milky film on the monitor, deformation, uneven dark shade, and peeling of screen area.
- MARNING: Do not spray the cleaning solution or even water directly on the surface of the monitor. Doing so will allow liquids to 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 monitor.
- NOTE: Monitor damage due to improper cleaning methods and the use of benzene, thinner, ammonia, abrasive cleaners, alcohol, compressed air, detergent of any kind will 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 monitor, wipe it off with a cloth.
 - Handle your monitor with care as a dark-colored monitor may get scratched and show white scuff marks more than a light-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.



Setting up the monitor

Attaching the stand



NOTE: The stand is not installed at the factory when shipped.



NOTE: The following instructions are applicable only for the stand that was shipped with your monitor. If you are attaching a stand that you purchased from any other source, follow the setup instructions that were included with the stand.

To attach the monitor stand:

- 1. Remove the stand riser and the stand base from the cushion that secures it.
- 2. Connect the stand base to the stand riser.



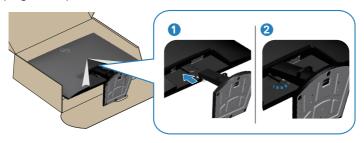
3. Open the protective cover on the monitor to access the slot on the monitor.



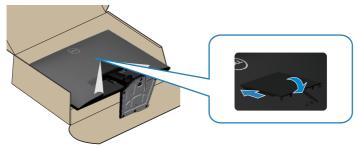


4. Install the stand assembly on the monitor.

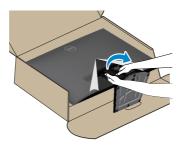
Slide the tabs on the stand assembly into the slots on the monitor completely, snapping it into place.



5. Align and insert the VESA cover into the VESA slot on the monitor, and then press it down firmly to lock it into position.

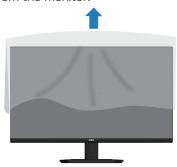


6. Hold the stand riser firmly with both hands and lift the monitor carefully, then place it on a flat surface.





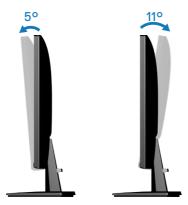
7. Remove the cover from the monitor.



Using the tilt



NOTE: These values are applicable to the stand that was shipped with your monitor. To set up with any other stand, see the documentation that is shipped with the stand.





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



Connecting your monitor

- MARNING: Before you begin any of the procedures in this section, follow the Safety instructions.
- NOTE: Dell monitors are designed to work optimally with Dell supplied inbox cables. Dell does not guarantee the video quality and performance if non-Dell cables are used.
- NOTE: Route the cables through the cable-management slot before connecting them.
- NOTE: Do not connect all cables to the computer at the same time.
- NOTE: The images are for the purpose of illustration only. The appearance of the computer may vary.

To connect your monitor to the computer:

- 1. Turn off your computer and disconnect the power cable.
- 2. Connect your monitor to the computer with an HDMI cable or a DisplayPort cable.

Connecting the HDMI cable



Connecting the DisplayPort cable (optional)



3. Connect the power cable to the monitor and the wall outlet.



Organizing cables

Use the cable-management slot to route the cables connected to your monitor.



Turn on the Monitor

Press the power button to turn on the monitor.

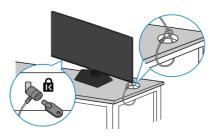




Securing your monitor using Kensington lock (optional)

The security-lock slot is located at the bottom of the monitor. (see Security-lock slot). Secure your monitor to a table using the Kensington security lock.

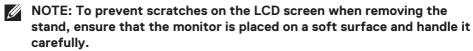
For more information on using the Kensington lock (sold separately), see the documentation that is shipped with the lock.



NOTE: The image is for the purpose of illustration only. The appearance of the lock may vary.



Removing the monitor stand



NOTE: The following steps are specifically for removing the stand that is shipped with your monitor. If you are removing a stand that you purchased from any other source, follow the setup instructions that are included with the stand.

To remove the stand:

1. Place the monitor on a soft cloth or cushion on a stable flat table.



2. Use a screwdriver to press and hold the stand release button and then slide the stand assembly out of the monitor.



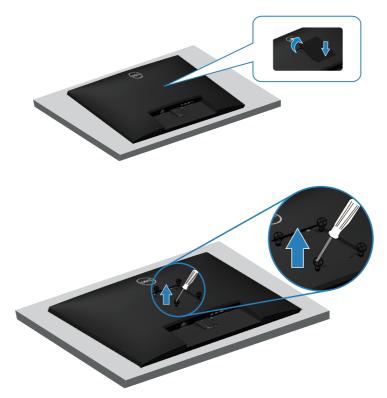
3. Lift the stand assembly up and away from the monitor.





VESA wall mounting (optional)

Press the notch on VESA cover and then lift it away from the monitor.



(Screw dimension: M4 x 10 mm).

See the documentation that shipped with the VESA-compatible wall mounting kit.

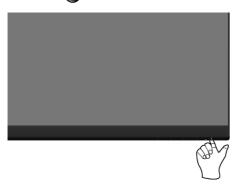
- 1. Place the monitor on a soft cloth or cushion at the edge of the desk.
- 2. Remove the monitor stand. See Removing the monitor stand.
- 3. Remove the four screws that secure the display back cover.
- 4. Install the mounting bracket from the wall mounting kit to the monitor.
- 5. To mount the monitor on the wall, see the documentation that shipped with the wall mounting kit.
- NOTE: For use only with UL or CSA or GS-listed wall mount bracket with minimum weight or load bearing capacity of 25.76 kg.



Operating your monitor

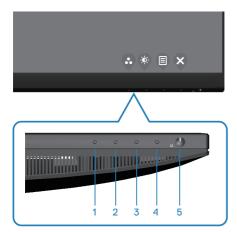
Power on the monitor

Press the **b**utton to turn on the monitor.



Using the control buttons

Use the control buttons at the bottom edge of the monitor to adjust the image being displayed.





Control buttons

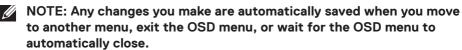
The following table describes the control buttons:

	Control Buttons	Description
1	₽	Use this button to choose from a list of preset modes.
	Shortcut key/Preset Modes	
2		Use this button to adjust the brightness or the contrast.
	Shortcut key/ Brightness/Contrast	
3	Menu	Use the Menu button to launch the On-Screen Display (OSD) menu. See Accessing the OSD menu.
4	E xit	Use this button to go back to the main menu or exit the OSD main menu.
5	Power (with power light indicator)	To turn the monitor on or off. Solid white light indicates that the monitor is turned on and functioning normally. Blinking white light indicates that the monitor is in Standby Mode.

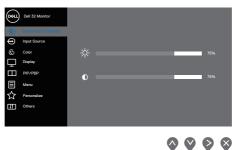


Using the On-Screen Display (OSD) menu

Accessing the OSD menu



1. Press the 🗣 button to display the OSD main menu.



- 2. Press the \bigcirc and \bigcirc buttons to move between the setting options. As you move from one icon to another, the option is highlighted.
- 3. Press the ♥ or ♥ or ♥ button once to activate the highlighted option.
- 4. Press the \bigcirc and \bigcirc buttons to select the desired parameter.
- 5. Press the button and then use the and buttons, according to the indicators on the menu, to make your changes.
- 6. Select the ^⑤ button to return to previous menu or ^⑥ button to accept and return to previous menu.



Icon	Menu and Submenus	Description			
	Brightness/ Contrast	Uses this menu to adjust the brightness or the contrast.			
		(Section 2 Description 2 Desc			
		◊ ◊ ◊			
	Brightness	Adjusts the luminance of the backlight.			
		Press the button to increase the brightness and press the button to decrease the brightness (min. 0/max. 100).			
-	Contrast	0/max. 100). Adjusts the brightness first, and then adjusts the contrast only if further adjustment is necessary.			
		Press the button to increase the contrast and press the button to decrease the contrast (min. 0 /max. 100).			
		The Contrast function adjusts the degree of difference between darkness and lightness on the			

monitor screen.



lcon	Menu and Submenus	Description		
3	Input Source	Uses the Input Source menu to select between the different video signals that may be connected to your monitor.		
		Oct. 2 Monday Striptowar / Coronat Striptowar / Coronat Striptowar / Coronat HOM 1 2 Doptor Professor Menu Professor Professor Others		
		◊ ◊ ◊		
-	DP	Selects DP input when you are using the DP connector. Press the button to select the DP input source.		
-	HDMI 1	Selects HDMI 1 input when you are using the HDMI 1 connector. Press the button to select the HDMI 1 input source.		
-	HDMI 2	Selects HDMI 2 input when you are using the HDMI 2 connector. Press the button to select the HDMI 2 input source.		
-	Auto Select	Choose Auto Select to scan for available input signals.		
-	Reset Input Source	Select this option to restore default Input Source .		
a	Color	Use Color to adjust the color setting mode.		
•		Onl 32 Months Onl 32 Mont		



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Icon	Menu and Submenus	Description
	Preset Modes	When you select Preset Modes , you can choose Standard , ComfortView , Movie , FPS , RTS , RPG , sRGB , Warm , Cool , or Custom Color from the list.
		• Standard : Loads the monitor's default color settings. This is the default preset mode.
		 ComfortView: Decreases the level of blue light emitted from the screen to make viewing more comfortable for your eyes.
		• Movie: Loads color settings ideal for movies.
		• FPS : Loads color settings ideal for First-Person Shooter games.
		RTS: Loads color settings ideal for Real-time Strategy games.
		• RPG : Loads color settings ideal for Role-Playing games.
		• sRGB: Loads color settings ideal for sRGB.
		• Warm : Increases the color temperature. The screen appears warmer with a red/yellow tint.
		• Cool : Decreases the color temperature. The screen appears cooler with a blue tint.
		• Custom Color : Allows you to manually adjust the color settings.
		Press the and buttons to adjust the three colors (R, G, B) values and create your own preset color mode.
		(Out.) Carl 23 Montes (In the Prophese / Contract (In the Prophese / Contract (In the Standard Contract Former (In the Standard Contract F
		Depter FFE Transition



Icon	Menu and Submenus	Description				
	Input Color	Allows you to set the video input mode to:				
Format		 RGB: Select this option if your monitor is connected to a computer or a media player that supports RGB output. 				
		 YCbCr: Select this option if your media player supports only YCbCr output. 				
		Cold 22 Monter \$\hat{\chi}\$: Brightness / Contract Proced Color Finance Color				
		田 Merium Aprinondiza 田 Oners				
_		Shifts the color of the video image to green or purple. This is used to adjust the desired skin tone color. Use the or button to adjust the hue from 0 to				
	Hue					
		NOTE: Hue adjustment is available only when you select Movie, FPS, RTS, or RPG mode.				
	Saturation	Adjusts the color saturation of the video image. Use the or volume button to adjust the saturation from 0 to 100.				
		NOTE: Saturation adjustment is available only when you select Movie, FPS, RTS, or RPG mode.				
	Reset Color	Resets your monitor's color settings to the factory default.				



lcon	Menu and Submenus	Description		
	Display	Uses the Display to adjust image.		
		Could 32 Monitor Appears Risks Proportion of Contrast Significance Proportion Proportion Proportion Manu Contrast Con		
		◊ ◊ ◊		
	Aspect Ratio	Adjusts the image ratio to Wide 16:9 , 4:3 or 5:4 .		
	Sharpness	Makes the image look sharper or softer. Use the \lozenge or \triangledown button to adjust the sharpness from 0 to 100.		
	Response Time	Allows you to select between Normal, Fast or Extreme .		
	Reset	Resets all display settings to the factory default values.		



Display

Description **Icon** Menu and **Submenus**



PIP/PBP Allows you to watch more images at the same time.

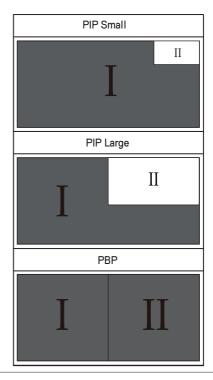




PIP/PBP Mode Adjusts the PIP/PBP (Picture in Picture/Picture by Picture) mode to PIP Small, PIP Large, or PBP. You can disable this feature by selecting Off.



NOTE: FreeSync is turned off when PIP/PBP is enabled.





1	Menu and Submenus	Description			
	PIP/PBP (Sub)	Selects between DP , HDMI 1 or HDMI 2 video signals that may be connected to your monitor for the PIP/PBP sub-window.			
		Main Window Sub-Window DP HDMI 1 HDMI 2 DP — ✓ ✓ HDMI 1 ✓ — X HDMI 2 ✓ X —			
		NOTE: When either HDMI 1 or HDMI 2 is selected as the main video signal, then PIP/PBP subwindow will display video only from a DP source.			
PIP Size Se	Selects the PIP window size of Small or Large . NOTE: Only applicable when user turns on PIP.				
	PIP Location	Selects PIP sub-window location. Use the or vbutton to select Top-Left, Top-Right, Bottom-Right, or Bottom-left. NOTE: Only applicable when you turn on PIP.			
	Video Swap	Allows you to swap videos between main window and sub-window in PIP/PBP mode. NOTE: Only applicable when you turn on PIP/PBP.			
	Audio	Allows you to set the audio line out port source from the main window or the sub-window. NOTE: Only applicable when you turn on PIP/PBP.			
	Contrast (Sub)	Adjusts the contrast level of the picture in PIP/PBP mode. NOTE: Only applicable when you turn on PIP/PBP.			



Icon	Menu and Submenus	Description			
	Menu	Select this option to adjust the settings of the OSD, such as the languages of the OSD, the amount of time the menu remains on screen, and so on.			
		© 10 10 Montro			
		$\diamond \diamond \diamond \diamond$			
	Language	Sets the OSD display to one of the eight languages: English, Spanish, French, German, Brazilian Portuguese, Russian, Simplified Chinese, or Japanese. Select this option to change the menu transparency by pressing the and buttons from 0 to 100. OSD hold time: Sets the length of time the OSD will remain active after the last time you pressed a button. Use the or button to adjust the slider in 1 second increments, from 5 to 60 seconds.			
	Transparency				
	Timer	remain active after the last time you pressed a button. Use the \bigcirc or \bigcirc button to adjust the slider in 1 second			
	Lock	Controls user access to adjustments. Selects one of the following: Menu Buttons, Power Button, Menu + Power Buttons, or Disable.			

Reset Menu



Resets all OSD settings to the factory preset values.

Icon Menu and Submenus Personalize Select this option to adjust the settings of the

Personalize

Select this option to adjust the settings of the personalization.





Shortcut Key 1 Select one of the following: Preset Modes,
Brightness/Contrast, Input Source, Aspect Ratio,
or PIP/PBP Mode to set the Shortcut Key 1.





Shortcut Key 2 Select one of the following: Preset Modes,
Brightness/Contrast, Input Source, Aspect Ratio,
or PIP/PBP Mode to set the Shortcut Key 2.







Icon	Menu and Submenus	Allows you to set the power LED indicator On in On Mode or Off in On Mode to save energy.			
	Power Button LED				
			(MA) Del 32 Monitor Del 32 Monitor Del plant Sour co Cotor Depley PRP/PRP MANU TITI Others		✓ On in On Mode Off in On Mode

Fast Wakeup Allows you to enable or disable **Fast Wakeup** function.





Reset Resets all settings under the **Personalize** menu to the **Personalization** default setting.



Icon Menu and Submenus Others Select this option to adjust the OSD settings, such as the DDC/CI, LCD conditioning, and so on. Select this option to adjust the OSD settings, such as the DDC/CI, LCD conditioning, and so on.



Display Info Displays the monitor's current settings.



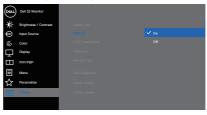


DDC/CI

DDC/CI (display data channel/command interface) allows your monitor parameters (brightness, color balance, and so on) to be adjustable through the software on your computer.

Disables this feature by selecting Off.

Enables this feature by selecting **On** for best user experience and optimum performance of your monitor.







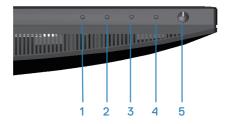
Icon	Menu and Submenus	Description
	LCD Conditioning	Helps reduce minor cases of image retention. Depending on the degree of image retention, the program may take some time to run. To start LCD conditioning , select On .
	Firmware	Displays the version of the firmware about the display.
	Service Tag	Displays the service tag number of the display. The Service Tag is a unique alphanumeric identifier that allows Dell to identify the product specifications and access warranty information.
		NOTE: The Service Tag is also printed on a label located at the back cover.
	Self-Diagnostic	Allows you to check if your monitor is functioning properly. Company Control
	Reset Others	Resets all settings under the others setting menu to the factory preset values.
	Factory Reset	Restores all preset values to the factory default settings.



Menu and Power button lock

Prevents users to access or change OSD menu settings on the display.

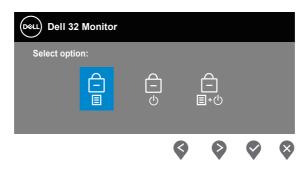
By default, the Menu and Power button lock setting is disabled.



To access the lock menu, press and hold the **Exit** button (button 4) for four seconds. A lock menu appears at the bottom right corner of the display.



NOTE: The lock menu can be accessed using this method when the Menu and Power buttons are in unlocked state.



To access the unlock menu, press and hold the **Exit** button (button 4) for four seconds. An unlock menu appears at the bottom right corner of the display.



NOTE: The unlock menu can be accessed when the Menu and Power buttons are in locked state.





There are three lock options.

	Menu	Description
1	Menu Buttons	When Menu Buttons is selected, the OSD menu settings cannot be changed. All buttons are locked except Power button.
2	Power Button	When Power Button is selected, the display cannot be turned off using the Power button.
3	Menu + Power Buttons ☐ ☐ ☐+ Û	When Menu + Power Buttons is selected, the OSD menu settings cannot be changed and the Power button is locked.

NOTE: To access the Lock or Unlock menu – Press and hold the Exit button (button 4) for four seconds.

In the following scenarios, the icon appears at the center of the display:

- When Up button (button 1), Down button (button 2), Menu button (button 3), or Exit button (button 4) is pressed. This indicates the OSD menu buttons are in lock state.
- When the **Power** button (button 5) is pressed. This indicates the Power button is in lock state.
- When any one of the five buttons is pressed. This indicates OSD menu buttons and the Power button is in lock state.

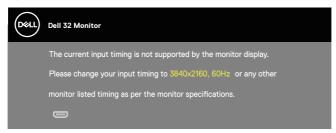
Unlocking the OSD menu and Power buttons:

- 1. Press and hold the **Exit** button (button 4) for four seconds. The unlock menu appears.
- 2. Select the unlock icon to unlock the buttons on the display.



OSD warning messages

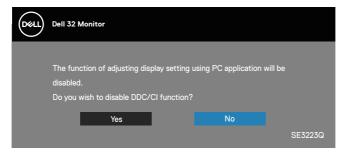
When the monitor does not support a particular resolution mode, the following message is displayed:



NOTE: The message may be slightly different according to the connected input signal.

This means that the monitor cannot synchronize with the signal that it is receiving from the computer. See Resolution specifications for the Horizontal and Vertical frequency ranges addressable by this monitor. The recommended resolution is 3840×2160 .

Before the **DDC/CI** function is disabled, the following message is displayed:



When the monitor enters the **Standby Mode**, the following message appears:





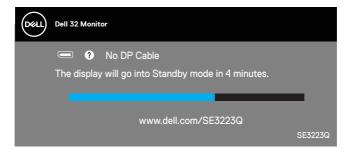
If no HDMI or DisplayPort cable is connected, a floating dialog box as shown below appears. The monitor will enter Standby Mode after 4 minutes if left in this state.



or



or





Setting the maximum resolution



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

To set the maximum resolution for the monitor:

In Windows 8 1:

- 1. For Windows 8.1, select the Desktop tile to switch to classic desktop.
- 2. Right-click on the desktop and click **Screen Resolution**.
- 3. If you have more than one monitor connected, ensure that you select **SE3223Q**.
- 4. Click the Screen Resolution dropdown list and select 3840 x 2160.
- 5. Click OK.

In Windows 10 and Windows 11.

- 1. Right-click on the desktop and click **Display settings**.
- 2 If you have more than one monitor connected, ensure to select **SE3223Q**.
- 3 Click the **Display Resolution** dropdown 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

the Safety instructions.

⚠ WARNING: Before you begin working on the following steps, follow

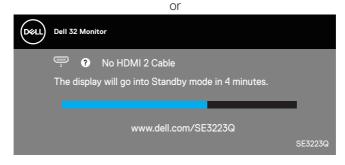
Self-Test

Your monitor provides a self-test feature that allows you to check if 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. Disconnect all video cables from the monitor. This way, the computer doesn't have to be involved.
- 3. Turn on the monitor.

If the monitor is working correctly, it detects that there is no signal and one of the following message appears. While in self-test mode, the power LED remains white.

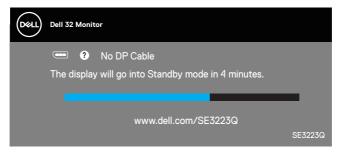




or



Troubleshooting



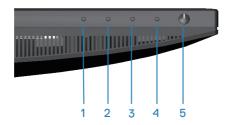
NOTE: This dialog box appears even during normal operation and when the video cable is disconnected or damaged.

4. Turn off your monitor and reconnect the video cable; Then, turn on your computer and the monitor.

If your monitor remains dark after you reconnect the cables, check your video controller and computer, as your monitor is functioning properly.

Built-in diagnostics

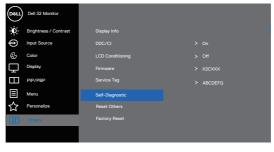
Your monitor has a built-in diagnostic tool. It helps you determine if the screen abnormality that you are experiencing is an inherent problem with your monitor, or with your computer and video card.



To run the built-in diagnostics:

- 1. Ensure that the screen is clean (no dust particles on the surface of the screen).
- 2. Press the putton (button 3) to launch the OSD menu.
- 3. Use front-panel buttons to select **Others > Self-Diagnostic** to initiate the self-diagnostic process.







- 4. When initiated, a gray screen appears. Inspect the screen for abnormalities.
- 5. Press on front-panel buttons. The color of the screen changes to red. Inspect the screen for abnormalities.
- 6. Repeat step 5 to inspect the display in green, blue, black, white, and text screens.
- 7. The test is complete when the text screen appears. To exit, press on front-panel buttons again.

If you do not detect any screen abnormalities upon using the Built-in diagnostics-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 or power LED off	No picture	Ensure that the video cable connecting the monitor and the computer is properly connected and secure.
		 Verify that the power outlet is functioning properly using any other electrical equipment.
		· Ensure that the power button is pressed.
		 Ensure that the correct input source is selected through the Input Source menu.
No video or power LED on	No picture or no brightness	 Increase brightness and contrast controls using the OSD.
		· Perform monitor self-test feature check.
		 Check for bent or broken pins in the video cable connector.
		· Run the built-in diagnostics.
		 Ensure that the correct input source is selected through the Input Source menu.
Poor focus	Picture is fuzzy,	· Eliminate video extension cables.
	blurry, or ghosting	 Reset the monitor to factory settings (Factory Reset).
		Change the video resolution to the correct aspect ratio.



Common Symptoms	What you experience	Possible Solutions
Shaky or jittery video	Wavy picture or fine movement	Reset the monitor to factory settings (Factory Reset).
		· Check environmental factors.
		 Relocate the monitor and test in another room.
Missing pixels	LCD screen has spots	· Cycle power On-Off.
		 Pixel that is permanently off is a natural defect that can occur in LCD technology.
		 For more information on Dell Monitor Quality and Pixel Policy, see Dell Support site at:
		www.dell.com/pixelguidelines
Stuck-on pixels	LCD screen has bright spots	· Cycle power On-Off.
		 Pixel that is permanently off is a natural defect that can occur in LCD technology.
		 For more information on Dell Monitor Quality and Pixel Policy, see Dell Support site at:
		www.dell.com/pixelguidelines.
Brightness problems	Picture too dim or too bright	 Reset the monitor to factory settings (Factory Reset).
		 Adjust brightness and contrast controls through OSD.
Geometric distortion	Screen not centered correctly	Reset the monitor to factory settings (Factory Reset).
		 Adjust horizontal and vertical controls through OSD.



Common Symptoms	What you experience	Possible Solutions
Horizontal or vertical lines	Screen has one or more lines	Reset the monitor to factory settings (Factory Reset).
		 Perform monitor self-test feature check and determine if these lines are also in self-test mode.
		 Check for bent or broken pins in the video cable connector.
		· Run the built-in diagnostics.
Synchronization problems	Screen is scrambled or appears torn	 Reset the monitor to factory settings (Factory Reset).
		 Perform monitor self-test feature check to determine if the scrambled screen appears in self-test mode.
		 Check for bent or broken pins in the video cable connector.
		· Restart the computer in the safe mode.
Safety related issues	Visible signs of smoke or sparks	 Do not perform any troubleshooting steps.
		· Contact Dell immediately.
Intermittent problems	Monitor malfunctions on and off	 Ensure that the video cable connecting the monitor to the computer is connected properly and is secure.
		 Reset the monitor to factory settings (Factory Reset).
		 Perform monitor self-test feature check to determine if the intermittent problem occurs in self-test mode.
Missing color	Picture missing color	· Perform monitor self-test feature check.
		 Ensure that the video cable connecting the monitor to the computer is connected properly and is secure.
		 Check for bent or broken pins in the video cable connector.



Common Symptoms	What you experience	Possible Solutions
Wrong color	Picture color not good	 Try different Preset Modes in Color settings OSD. Adjust R/G/B value in Custom Color in Color settings OSD.
		 Change the Input Color Format to RGB or YCbCr in the Color settings OSD.
		· Run the built-in diagnostics.
Image retention from a static image left on the monitor for a	Faint shadow from the static image displayed appears on the screen	Set the screen to turn off after a few minutes of screen idle time. These can be adjusted in Windows Power Options or Mac Energy Saver setting.
long period		 Alternatively, use a dynamically changing screensaver.

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	Check the Aspect Ratio setting in the Display settings OSD.
		 Reset the monitor to factory settings (Factory Reset).
Cannot adjust the monitor with the buttons on the bottom of the pane	OSD does not appear on the screen	 Turn off the monitor, unplug the monitor power cable, plug it back, and then turn on the monitor.
		 Check if the OSD menu is locked. If yes, press and hold the button 5 for four seconds to unlock.



Specific Symptoms	What you experience	Possible Solutions
No input signal when user controls are pressed	No picture, the LED light is white	Check the signal source. Ensure the computer is not in Standby Mode by moving the mouse or pressing any key on the keyboard.
		 Check if the video cable is plugged in properly. Disconnect and reconnect the video cable if necessary.
		 Reset the computer or video player.
The picture does not fill the entire screen	The picture cannot fill the height or width of the screen	 Due to different video formats (aspect ratio) of DVDs, the monitor may display in full screen.
		· Run the built-in diagnostics.
No video at HDMI or DisplayPort	When connected to some dongle or docking device at the port, there is no video when unplugging or plugging the cable from the notebook	 Unplug the HDMI or DisplayPort cable from dongle or docking device, then plug the docking HDMI or DisplayPort cable to the notebook.



Regulatory information

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.

EU product database for energy label and product information sheet

SE3223Q: https://eprel.ec.europa.eu/gr/1114976

Contacting Dell

To contact Dell for sales, technical support, or customer service issues, see www.dell.com/contactdell.



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



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.

