

Alienware AW2725QF Monitor

User's Guide

Notes, cautions, and warnings

- ① **NOTE:** A NOTE indicates important information that helps you make better use of your product.
- △ **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.
- ⚠ **WARNING:** 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 that is in this document assumes that you have read the safety information that shipped with your monitor.

- ① **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.
- ⚠ **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.**
- ⚠ **CAUTION: 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 pressed 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 crystals 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 that are marked on the 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 about safety instructions, see the Safety, Environmental, and Regulatory Information (SERI) document that is shipped with your monitor.








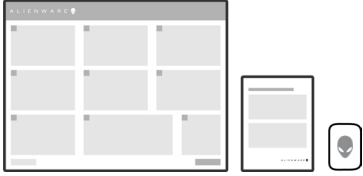
About your monitor

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](#).

① **NOTE:** Some components may be optional and may not ship with your monitor. Some features may not be available in certain countries.

Table 1. Monitor components and descriptions.

Component image	Component description
	Display
	Stand riser
	Stand base
	Power cable (varies by country or region)
	USB 3.2 Gen1 (5 Gbps) A to B cable (1.80 m)
	DisplayPort 1.4 cable (1.80 m) (DisplayPort to DisplayPort)
	HDMI 2.1 FRL cable (1.80 m)
	<ul style="list-style-type: none">▪ Quick Setup Guide▪ Safety, Environmental, and Regulatory Information▪ Alienware Sticker

Product features

The **Alienware AW2725QF** Gaming monitor has an active matrix, Thin-Film Transistor (TFT), Liquid Crystal Display (LCD), and LED backlight. The monitor features include:

- 684.70 mm (27.00 in.) viewable area (measured diagonally).
- Dual-Resolution (3840 x 2160/1920 x 1080) with full-screen support for lower resolutions and aspect ratio of 16:9.
- NVIDIA G-SYNC Compatible Certification and VESA AdaptiveSync Display certification minimize graphic distortions like screen tearing and stuttering for a smoother, fluid gameplay.
- Supports a high refresh rate of 330 Hz (Over Clock 360 Hz) for FHD timings, 165 Hz (Over Clock 180 Hz) for 4K timings and a rapid response time of 0.5 millisecond gray to gray in Extreme mode*.

* 0.5 millisecond (gray-to-gray min), 1 millisecond (gray-to-gray most observed) is achievable in 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 computer setup and every gamer's needs are different, it is recommended that users experiment with the different modes to find the setting that is right for them.

- Color gamut of DCI-P3 95% and sRGB 100%.
- Dolby Vision HDR.
- VESA DisplayHDR 600.
- HDMI 2.1 eARC/ARC.
- Tilt, swivel, pivot, and height adjustment capabilities.
- Removable pedestal stand and Video Electronics Standards Association (VESA) 100 mm mounting holes for flexible mounting solutions.
- Digital connectivity through one DisplayPort and two HDMI ports.
- The monitor is equipped with:
 - One USB 3.2 Gen1 (5 Gbps) Type-B upstream port
 - One USB 3.2 Gen1 (5 Gbps) Type-C downstream charging port
 - Two USB 3.2 Gen1 (5 Gbps) Type-A downstream ports
 - One USB 3.2 Gen1 (5 Gbps) Type-A downstream port with BC1.2 power charging
- Supports Picture by Picture (PBP), Picture in Picture (PIP), and Console Mode.
- Plug-and-play capability if supported by your computer.
- On-Screen Display (OSD) adjustments for ease of set-up and screen optimization.
- AW2725QF offers an extensive selection of preset modes including:
 - First-Person Shooter (FPS)
 - Multiplayer Online Battle Arena or Real-Time Strategy (MOBA or RTS)
 - Role-Playing Game (RPG)
 - Racing (SPORTS)
 - Three customizable game modes

In addition, key enhanced gaming features such as Timer, Frame Rate, and Display Alignment are provided to help improve gamer's performance and provide best-in-game advantage.

- Security lock slot.
- ≤ 0.3 W in Off Mode.
- Premium Panel Exchange for peace of mind.
- Optimize eye comfort with a flicker-free screen and ComfortView Plus feature which minimizes blue light emission.
- The Monitor adopts Flicker-Free technology, which clears the eye visible flicker, brings comfort viewing experience and preventing users suffer from eye strain and fatigue.

⚠ WARNING: 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. ComfortView Plus feature is designed to reduce the amount of blue light that is emitted from the monitor to optimize eye comfort.

- This monitor uses a low blue light panel. When the monitor is reset to factory settings or default setting, it is in compliance with TÜV Rheinland's hardware low blue light certification.**

Blue light ratio:

The ratio of light in the range from 415 nm–455 nm compared to 400 nm–500 nm should be less than 50%.

Category	Blue light ratio
1	≤20%
2	20% < R ≤ 35%
3	35% < R ≤ 50%

- Decreases the level of hazard blue light that is emitted from the screen to make viewing more comfortable for your eyes without distortion of color accuracy.
- The Monitor adopts Flicker-Free technology, which clears the eye visible flicker, brings comfort viewing experience and preventing users suffer from eye strain and fatigue.

** This monitor is in compliance with TÜV Rheinland hardware low blue light certification under Category 3.

Operating system compatibility

- Windows 10 and later*
- macOS 12* and macOS 13*

*The operating system compatibility on Dell and Alienware branded monitors may vary based on factors such as:

- Specific release dates when operating system versions, patches, or updates are available.
- Specific release dates when Dell and Alienware branded monitor firmware, software application, or driver updates are available on the Dell support website.

Identifying parts and controls

Front view

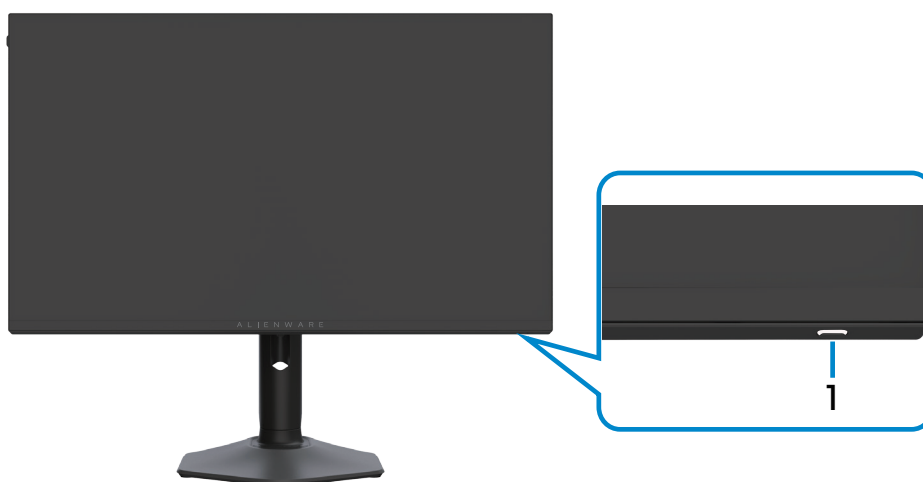


Figure 1. Front view of the monitor

Table 2. Front view of the descriptions.

Label	Description	Use
1	Power button (with LED indicator)	To turn the monitor on or off. A solid blue light indicates that the monitor is turned on and functioning. Blinking white light indicates that the monitor is in Standby Mode.

Back view



Figure 2. Back view of the monitor

Table 3. Back view of the descriptions.

Label	Description	Use
1	VESA mounting holes (4) (100 mm x 100 mm) - behind attached VESA cover	Wall-mount monitor using VESA-compatible wall mount kit.
2	Regulatory label	Lists the regulatory approvals.
3	Stand release button	Releases stand from the monitor.
4	Headset hanger	Hang the headset on the hanger. ⓘ NOTE: Load-bearing capacity under 400 g.
5	Cable-management slot	Use to organize cables by inserting them through the slot.

Bottom view

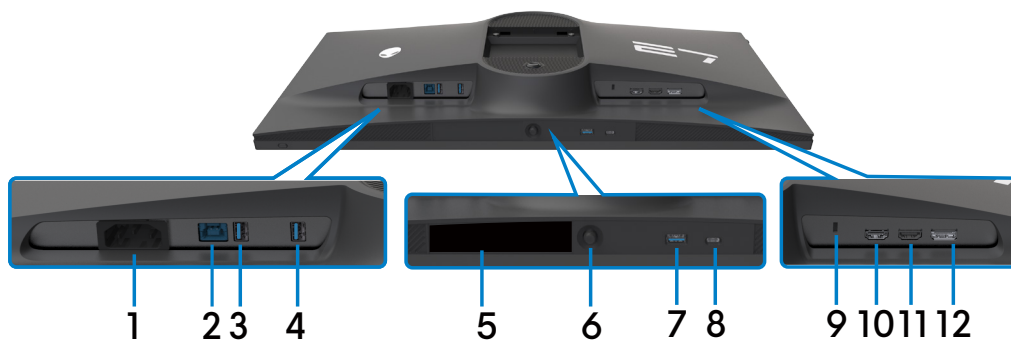









Figure 3. Bottom view of the monitor

Table 4. Bottom view of the descriptions.

Label	Description	Use
1	 Power connector	Connect the power cable (shipped with your monitor).
2	 USB Type-B upstream port (data only)	Connect the USB cable (shipped with your monitor) to this port and your computer to enable the USB ports on your monitor.
3,4,7	 Super speed USB 5 Gbps (USB 3.2 Gen1) Type-A downstream ports (3) (data only)	Connect your USB peripherals such as mouse and keyboard. <i>NOTE:</i> To use these ports, you must connect the USB upstream cable (shipped with your monitor) between the monitor and the computer. <i>NOTE:</i> Port 7 supports Battery Charging Rev. 1.2.
5	Barcode, serial number, and Service Tag label	See this label if you must 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.
6	Joystick	Use it to control the OSD menu and Dual-Resolution switching.
8	 SuperSpeed USB 5 Gbps (USB 3.2 Gen1) Type-C downstream port with Power Charging (data only)	Connect to charge your USB device. <i>NOTE:</i> To use this port, you must connect the USB cable (shipped with your monitor) to the USB upstream port on the monitor and to your computer. <i>NOTE:</i> To prevent signal interference, avoid connecting other USB devices to the adjacent port when using a wireless USB device on a downstream USB port.
9	Security lock slot (based on Kensington Security Slot)	Secures monitor with security cable lock (sold separately).
10	 HDMI 1 port	Connect your computer with the HDMI 2.1 cable (shipped with your monitor) to this port. <i>NOTE:</i> To stream Dolby ATMOS audio, connect another HDMI 2.1 cable (sold separately) to the HDMI 2 eARC/ARC port simultaneously.
11	 HDMI 2 eARC/ARC port	Connect your computer or an external audio system with the HDMI 2.1 cable (shipped with your monitor) to this port. <i>NOTE:</i> This port supports eARC/ARC audio output with HDMI CEC turned on.
12	 DisplayPort	Connect your computer with the DisplayPort cable (shipped with your monitor) to this port.

Monitor specifications

Table 5. Monitor specifications.

Description	Value
Screen type	Active matrix - TFT LCD
Panel Type	In-Plane Switching (IPS) Technology
Aspect ratio	16:9
Viewable image dimensions	
Diagonal	684.70 mm (27.00 in.)
Active Area	
Horizontal	596.74 mm (23.49 in.)
Vertical	335.66 mm (13.21 in.)
Area	200301.75 mm ² (310.47 in. ²)
Pixel pitch	0.1554 mm x 0.1554 mm
Pixel per inch (PPI)	163
Viewing angle	
Horizontal	178° (typical)
Vertical	178° (typical)
Brightness	
White Luminance	400 cd/m ² (typical) 600 cd/m ² (HDR peak)
Contrast ratio	1000:1 (typical)
Display screen coating	Anti-glare with hard-coating 3H
Backlight	LED Edgelight System
Response Time (Gray to Gray)	0.5 millisecond (gray-to-gray min), 1 millisecond (gray-to-gray most observed) in Extreme Mode 2 milliseconds gray to gray in Super Fast Mode 3 milliseconds gray to gray in Fast Mode
Color depth	1.07 Billion colors (8 bit + A-FRC)
Color gamut	DCI-P3 Typical 95% (CIE 1976) sRGB Typical 100% (CIE 1931)
Calibration accuracy	sRGB Delta E ≤ 2 (Average)
Connectivity	<ul style="list-style-type: none"> • Two HDMI 2.1 ports (HDCP 1.4 and HDCP 2.2), (Supports 4K 3840 x 2160 at 165 Hz, FHD 1920 x 1080 at 330 Hz, FRL, HDR, VRR as per specified in HDMI 2.1) <i>(i) NOTE:</i> Refresh rate can be overclocked up to 180 Hz in 4K mode and up to 360 Hz in FHD mode. <i>(i) NOTE:</i> Additionally, one of the two HDMI 2.1 ports with FRL supports eARC/ARC for Dolby ATMOS pass-through. • One DisplayPort 1.4 connector (HDCP 1.4 and HDCP 2.2), (Supports 4K 3840 x 2160 at 165 Hz, FHD 1920 x 1080 at 330 Hz, DSC, HDR) <i>(i) NOTE:</i> Refresh rate can be overclocked up to 180 Hz in 4K mode and up to 360 Hz in FHD mode. • One USB-B 3.2 Gen1 upstream port (5 Gbps) • Two USB-A 3.2 Gen1 downstream ports (5 Gbps) Quick Access <ul style="list-style-type: none"> • One USB-C 3.2 Gen1 downstream port (5 Gbps) • One USB-A 3.2 Gen1 downstream port (5 Gbps) with BC1.2 power charging
Border width (edge of monitor to active area)	
Top	7.35 mm
Left/Right	7.35 mm
Bottom	18.17 mm
Adjustability	
Height adjustable stand	Up to 110 mm

Description	Value
Tilt	-5°/+21°
Swivel	-20°/+20°
Pivot	-90°/+90°
Cable management	Yes
Dell Display Manager (DDM) Compatibility*	Easy Arrange and other key features
Security	Security lock slot (cable lock sold separately)
Alienware Command Center (AWCC)	Yes

*Dell Display Manager

Dell Display Manager is an application software that enhances the experience of your Dell monitor- ensuring more productivity and ease in customization.

With this application you can:

1. Adjust the monitor On-Screen Display (OSD) settings such as brightness, contrast, input source setting, and so on, with ease. Use the DDM software instead of the joystick on the monitor to switch between options.
2. Organize multiple applications on your screen, snapping them into a template of your choice with the Easy Arrange.
3. Assign applications or files to Easy Arrange partitions, save the layout as a profile, and automatically restore it using Easy Arrange Memory.
4. Connect your Dell Monitor to multiple input sources and manage these multiple video inputs using Input source.
5. Customize each application with a different color mode using Color Preset.
6. Transfer Dell Display Manager application settings between monitors of the same model using the **Import/export** application settings feature.

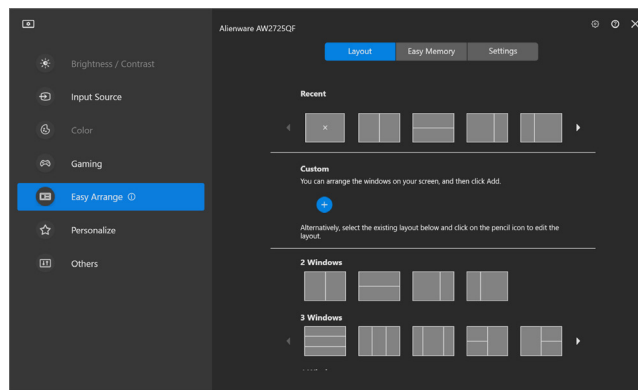


Figure 4. Dell Display Manager User Interface

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So, 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.

Resolution specifications

Table 6. Resolution specifications.

Description	Value
Signal	HDMI/DisplayPort
Horizontal scan range	30 kHz–430 kHz (4K mode) 30 kHz–470 kHz (FHD mode)
Vertical scan range	48 Hz–180 Hz (4K mode) (overclock at 170 Hz/175 Hz/180 Hz) 48 Hz–360 Hz (FHD mode) (overclock at 340 Hz/350 Hz/360 Hz)
Maximum preset resolution	3840 x 2160 up to 180 Hz (4K mode) (overclock at 170 Hz/175 Hz/180 Hz) 1920 x 1080 up to 360 Hz (FHD mode) (overclock at 340 Hz/350 Hz/360 Hz)
Video display capabilities (HDMI and DisplayPort alternate mode)	480p, 576p, 720p, 1080p, 2160p

Preset display modes

Table 7. HDMI preset display modes (4K mode)

Display mode	Horizontal frequency (kHz)	Vertical frequency (Hz)	Pixel clock (MHz)	Sync polarity (Horizontal/Vertical)
IBM 720 x 400	31.47	70	28.322	-/+
IBM 640 x 480	31.47	60	25.175	-/-
VESA 640 x 480	37.50	75	31.50	-/-
VESA 800 x 600	37.88	60	40	+/+
VESA 800 x 600	46.88	75	49.50	+/+
VESA 1024 x 768	48.36	60	65	-/-
VESA 1024 x 768	60.02	75	78.75	+/+
VESA 1152 x 864	67.50	75	108	+/+
VESA 1280 x 800	49.7	60	83.50	+/+
VESA 1280 x 1024	64	60	108	+/+
VESA 1280 x 1024	80	75	135	+/+
VESA 1600 x 900	60	60	108	+/+
VESA 1680 x 1050	65.29	60	146.25	+/+
VESA 1920 x 1080	67.50	60	148.50	+/+
VESA 1920 x 1080	137.26	119.98	285.50	+/-
VESA 1920 x 1080	192.788	164.917	401	+/-
VESA 1920 x 1080 (overclock)	199.159	169.931	414.250	+/-
VESA 1920 x 1080 (overclock)	205.529	174.918	427.5	+/-
VESA 1920 x 1080 (overclock)	212.019	179.982	441.0	+/-
VESA 1920 x 1200	75	60	162	+/+
VESA 2560 x 1440	88.787	59.951	241.5	+/-
VESA 2560 x 1440	182.996	119.998	497.75	+/-
VESA 2560 x 1440	257.169	164.958	699.5	+/-
VESA 2560 x 1440 (overclock)	265.625	169.946	722.5	+/-
VESA 2560 x 1440 (overclock)	274.173	174.967	745.75	+/-
VESA 2560 x 1440 (overclock)	282.537	179.96	768.5	+/-
VESA 3840 x 2160	135.00	60.00	594	+/-
VESA 3840 x 2160	274.438	119.999	1097.75	+/-
VESA 3840 x 2160	333.188	143.988	1332.75	+/-
VESA 3840 x 2160	385.75	164.991	1543	+/-
VESA 3840 x 2160 (overclock)	398.438	169.982	1593.75	+/-
VESA 3840 x 2160 (overclock)	411.25	175	1645	+/-
VESA 3840 x 2160 (overclock)	423.875	179.989	1695.5	+/-

Table 8. DisplayPort preset display modes (4K mode)

Display mode	Horizontal frequency (kHz)	Vertical frequency (Hz)	Pixel clock (MHz)	Sync polarity (Horizontal/Vertical)
IBM 720 x 400	31.47	70	28.322	-/+
IBM 640 x 480	31.47	60	25.175	-/-
VESA 640 x 480	37.50	75	31.50	-/-
VESA 800 x 600	37.88	60	40	+/+
VESA 800 x 600	46.88	75	49.50	+/+
VESA 1024 x 768	48.36	60	65	-/-
VESA 1024 x 768	60.02	75	78.75	+/+
VESA 1152 x 864	67.50	75	108	+/+
VESA 1280 x 800	49.7	60	83.50	+/+
VESA 1280 x 1024	64	60	108	+/+
VESA 1280 x 1024	80	75	135	+/+
VESA 1600 x 900	60	60	108	+/+
VESA 1680 x 1050	65.29	60	146.25	+/+
VESA 1920 x 1080	67.50	60	148.50	+/+
VESA 1920 x 1080	137.26	119.98	285.50	+/-

Display mode	Horizontal frequency (kHz)	Vertical frequency (Hz)	Pixel clock (MHz)	Sync polarity (Horizontal/Vertical)
VESA 1920 x 1080	192.788	164.917	401	+/-
VESA 1920 x 1080 (overclock)	199.159	169.931	414.250	+/-
VESA 1920 x 1080 (overclock)	205.529	174.918	427.5	+/-
VESA 1920 x 1080 (overclock)	212.019	179.982	441.0	+/-
VESA 1920 x 1200	75	60	162	+/+
VESA 2560 x 1440	88.787	59.951	241.5	+/-
VESA 2560 x 1440	182.996	119.998	497.75	+/-
VESA 2560 x 1440	257.169	164.958	699.5	+/-
VESA 2560 x 1440 (overclock)	265.625	169.946	722.5	+/-
VESA 2560 x 1440 (overclock)	274.173	174.967	745.75	+/-
VESA 2560 x 1440 (overclock)	282.537	179.96	768.5	+/-
VESA 3840 x 2160	133.313	59.997	533.25	+/-
VESA 3840 x 2160	274.438	119.999	1097.75	+/-
VESA 3840 x 2160	333.188	143.988	1332.75	+/-
VESA 3840 x 2160	385.75	164.991	1543	+/-
VESA 3840 x 2160 (overclock)	398.438	169.982	1593.75	+/-
VESA 3840 x 2160 (overclock)	411.25	175	1645	+/-
VESA 3840 x 2160 (overclock)	423.875	179.989	1695.5	+/-

Table 9. HDMI/DisplayPort preset display modes (FHD mode)

Display mode	Horizontal frequency (kHz)	Vertical frequency (Hz)	Pixel clock (MHz)	Sync polarity (Horizontal/Vertical)
IBM 720 x 400	31.47	70	28.322	-/+
IBM 640 x 480	31.47	60	25.175	-/-
VESA 640 x 480	37.50	75	31.50	-/-
VESA 800 x 600	37.88	60	40	+/+
VESA 800 x 600	46.88	75	49.50	+/+
VESA 1024 x 768	48.36	60	65	-/-
VESA 1024 x 768	60.02	75	78.75	+/+
VESA 1152 x 864	67.50	75	108	+/+
VESA 1280 x 800	49.7	60	83.50	+/+
VESA 1280 x 1024	64	60	108	+/+
VESA 1280 x 1024	80	75	135	+/+
VESA 1600 x 900	60	60	108	+/+
VESA 1680 x 1050	65.29	60	146.25	+/+
VESA 1920 x 1080	67.50	60	148.50	+/+
VESA 1920 x 1080	137.26	119.98	285.50	+/-
VESA 1920 x 1080	192.788	164.917	401	+/-
VESA 1920 x 1080	282	240	597.84	+/-
VESA 1920 x 1080	420.313	329.926	874.25	+/-
VESA 1920 x 1080 (overclock)	435.457	339.935	905.75	+/-
VESA 1920 x 1080 (overclock)	450.721	349.939	937.5	+/-
VESA 1920 x 1080 (overclock)	466.106	359.927	969.5	+/-

Electrical specifications

Table 10. Electrical specifications.

Description	Value
Video input signals	<ul style="list-style-type: none"> • Digital video signal for each differential line. Per differential line at 100 ohm impedance • DP/HDMI signal input support
Input voltage/frequency/current	100-240 VAC/50 Hz or 60 Hz \pm 3 Hz/1.6 A (typical)
Inrush current	120 V: 30 A (Max.) 240 V: 60 A (Max.)
Power Consumption	0.3 W (Off Mode) ¹ 0.5 W (Standby Mode) ¹ 26.1 W (On Mode) ¹ 140 W (Max) ² 24.3 W (P_{on}) ³ 76.2 kWh (TEC) ³

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

²Max brightness and contrast setting with maximum power loading on all USB ports.

³ P_{on} : Power consumption of On Mode measured with reference to the Energy Star test method.

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

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Physical characteristics

Table 11. Physical characteristics.

Description	Value
Connector type	<ul style="list-style-type: none"> • One DisplayPort port • Two HDMI ports • One USB-B 3.2 Gen1 upstream port (5 Gbps) • Two USB-A 3.2 Gen1 downstream ports (5 Gbps) • One USB-C 3.2 Gen1 downstream port (5 Gbps) • One USB-A 3.2 Gen1 downstream port (5 Gbps) with BC1.2 power charging
Signal cable type	<ul style="list-style-type: none"> • DisplayPort to DisplayPort cable (1.80 m) • HDMI cable (1.80 m) • USB 3.2 cable (A to B) (1.80 m)
Dimensions (with stand)	
Height (extended)	518.68 mm (20.42 in.)
Height (compressed)	408.68 mm (16.09 in.)
Width	611.44 mm (24.07 in.)
Depth	243.70 mm (9.60 in.)
Dimensions (without stand)	
Height	361.18 mm (14.22 in.)
Width	611.44 mm (24.07 in.)
Depth	67.40 mm (2.65 in.)
Stand dimensions	
Height (extended)	411.80 mm (16.21 in.)
Height (compressed)	383.34 mm (15.09 in.)
Width	233.40 mm (9.20 in.)
Depth	243.70 mm (9.60 in.)

Description	Value
Base	233.40 mm x 223.14 mm (9.20 in. x 8.79 in.)
Weight	
Weight with packaging	11.18 kg (24.65 lb)
Weight with stand assembly and cables	7.15 kg (15.76 lb)
Weight without stand assembly (For wall mount or VESA mount considerations - no cables)	4.75 kg (10.47 lb)
Weight of stand assembly	1.98 kg (4.37 lb)

Environmental characteristics

Table 12. Environmental characteristics.

Description	Value
Compliant Standards	
<ul style="list-style-type: none"> • RoHS Compliant • BFR/PVC Reduce monitor (The circuit boards are made from BFR/PVC-free laminates) • Arsenic-Free glass and Mercury-Free for the panel only 	
Temperature	
Operating	0°C to 40°C (32°F to 104°F)
Non-operating	-20°C to 60°C (-4°F to 140°F)
Humidity	
Operating	10% to 80% (non-condensing)
Non-operating	5% to 90% (non-condensing)
Altitude	
Operating	5,000 m (16,404 ft) maximum
Non-operating	12,192 m (40,000 ft) maximum
Thermal dissipation	477.7 BTU/hour (maximum) 89.1 BTU/hour (On Mode)

Pin assignments

DisplayPort

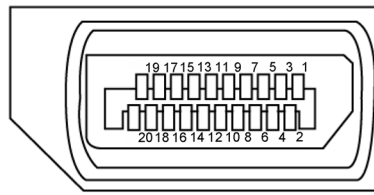


Figure 5. 20-pin DisplayPort

Table 13. Pin assignments (DisplayPort).

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	MLO(n)
11	GND
12	MLO(p)
13	CONFIG1
14	CONFIG2
15	AUX CH (p)
16	GND
17	AUX CH (n)
18	Hot Plug Detect
19	Return
20	DP_PWR

HDMI 1/HDMI 2 port

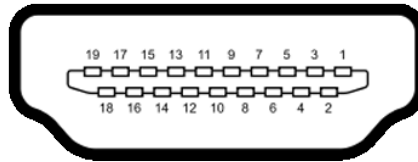


Figure 6. HDMI 1/HDMI 2 19-pin port

Table 14. Pin assignments (HDMI 1/HDMI 2).

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

USB Type-C port

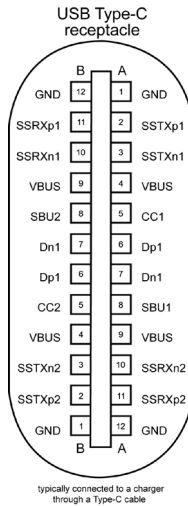



Figure 7. USB Type-C port

Table 15. Pin assignments (USB Type-C).


Pin number	Signal	Pin number	Signal
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn1
A7	Dn1	B6	Dp1
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

Universal Serial Bus (USB)

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

① **NOTE:** Up to 2 A on USB downstream port (Port with ) with BC 1.2 (Battery Charging 1.2 technology) compliance devices; up to 0.9 A on the other USB downstream ports.

Your monitor has the following USB ports:

- One upstream port - 1* USB Type-B at rear
- Four downstream ports - 3*USB Type-A + 1*USB Type-C at rear and bottom
Power Charging Port - the ports with ) battery icon supports fast current charging capability if the device is BC 1.2 compatible.

① **NOTE:** The monitor's USB ports work only when the monitor is on or in the Standby Mode. If you turn off the monitor and then turn it on, the attached peripherals may take a few seconds to resume normal functionality.

Table 16. Transfer speed.

Transfer speed	Data rate	Maximum power consumption (each port)
Super speed	5 Gbps	4.50 W
High-speed *	480 Mbps	4.50 W
Full speed *	12 Mbps	4.50 W

* Device speed when High Resolution is selected.

USB upstream port

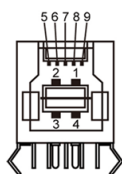


Figure 8. USB upstream port

USB downstream port

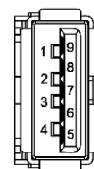


Figure 9. USB downstream port

Table 17. Pin assignments (USB upstream port).

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

Table 18. Pin assignments (USB downstream port).

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

Plug-and-Play

You can install the monitor to 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 that the computer can configure itself and optimize the monitor settings. Most monitor installations are automatic; you can select different settings if 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 <https://www.dell.com/pixelguidelines>.

Ergonomics

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

△ **CAUTION: Viewing the monitor screen for extended periods of time 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/shoulder pain from using the monitor for long periods of time, we suggest 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, arms, back, and shoulders during the breaks.
- Make sure 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, make sure 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 cables that may interfere with comfortable seating or present a potential trip hazard.

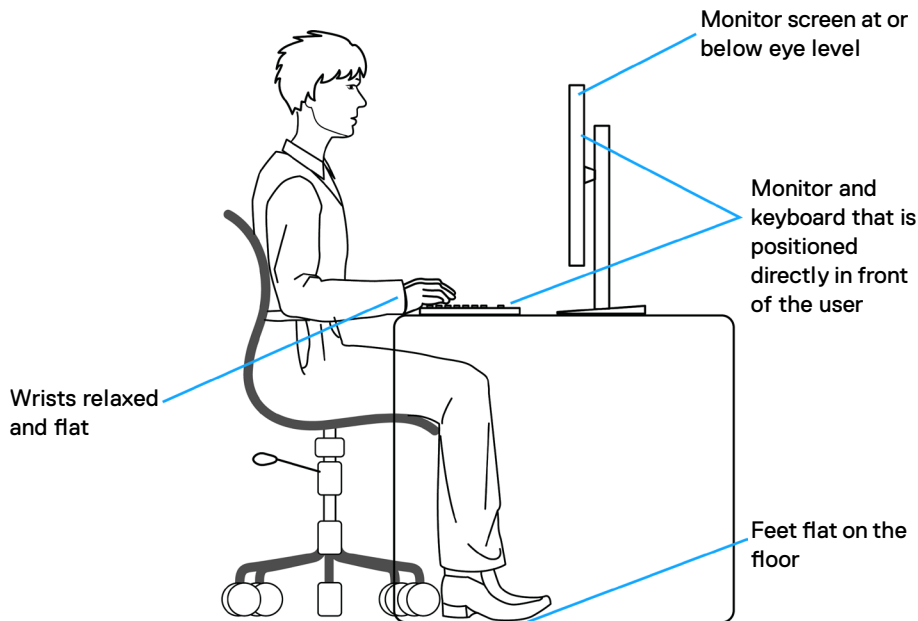


Figure 10. Ergonomics or comfort and efficiency

Handling and moving your display

To ensure that the monitor is handled safely when lifting or moving it, follow the guidelines that are mentioned below:

- 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.

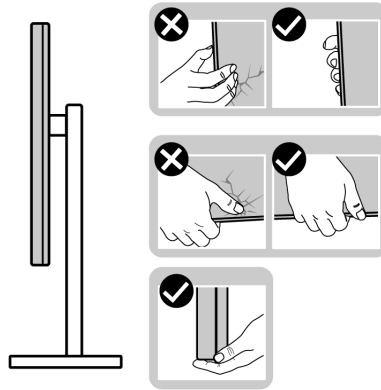


Figure 11. Moving or lifting the monitor

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

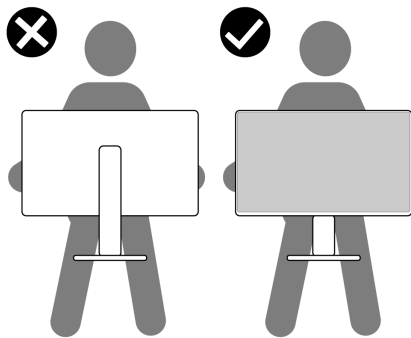


Figure 12. Ensure that the screen is facing away from you.

- 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. This may result in accidental damage to the monitor or cause personal injury.

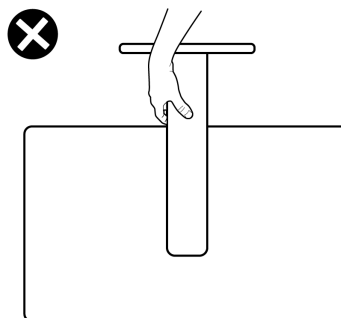


Figure 13. Do not turn the monitor upside down.

Maintenance guidelines

Cleaning your monitor

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

△ **WARNING:** 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:

- Use a clean cloth that is slightly dampened with water to clean the stand assembly, the screen, and the chassis of your Dell monitor. If available, use a screen-cleaning tissue or solution for cleaning Dell monitors.
- After cleaning the surface of the table, ensure that it is thoroughly dry and free from any moisture or cleaning agent before placing your Dell monitor on it.
 - △ **CAUTION:** Do not use detergents or other chemicals such as benzene, thinner, ammonia, abrasive cleaners, alcohol, or compressed air.
 - △ **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.
 - △ **WARNING:** Do not spray the cleaning solution or even water directly on the surface of the monitor. Doing so allows 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.
 - ① **NOTE:** Monitor damages 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 residual powder when you unpack your monitor, wipe it off with a cloth.
- Handle your monitor with care as a darker-colored monitor may get scratched and show white scuff marks more than a lighter-colored monitor.
- To help maintain the best image quality on your monitor, use a dynamically changing screen saver and turn off your monitor when not in use.

Setting up the monitor

Connecting the stand

① **NOTE:** The stand is not installed at the factory when shipped.

① **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 connect the monitor stand:

1. Align and place the stand riser on the stand base.
2. Open the screw handle at the bottom of the stand base and turn it clockwise to secure the stand assembly.
3. Close the screw handle.

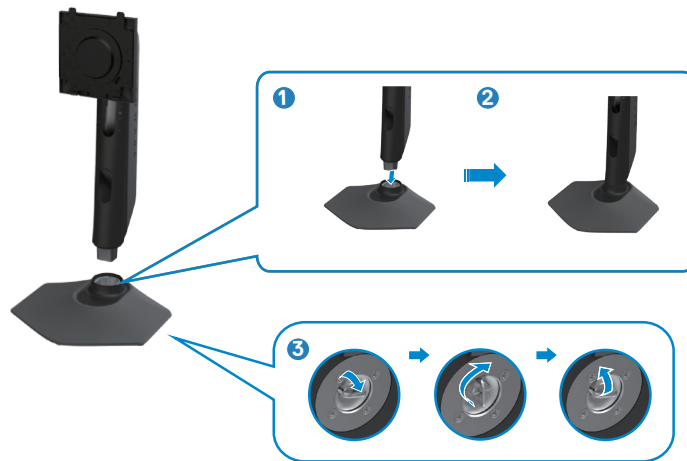


Figure 14. Connecting the stand

4. Open the protective cover on the monitor to access the VESA slot on the monitor.

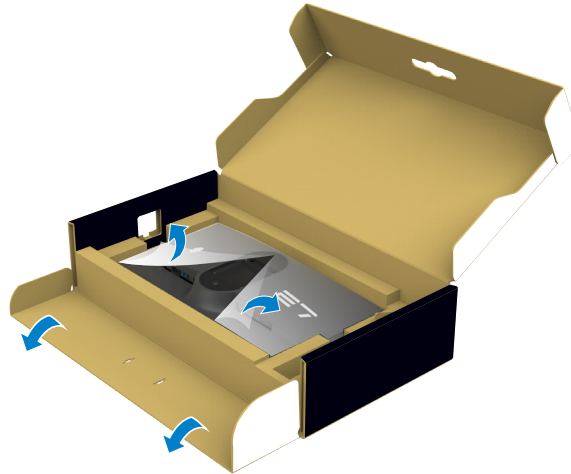


Figure 15. Open the protective cover

① **NOTE:** Before connecting the stand assembly to the display, ensure that the front flap is opened to allow space for the assembly.

- Slide the tabs on the stand riser into the slots on the display back cover and press down the stand assembly to snap it into place.

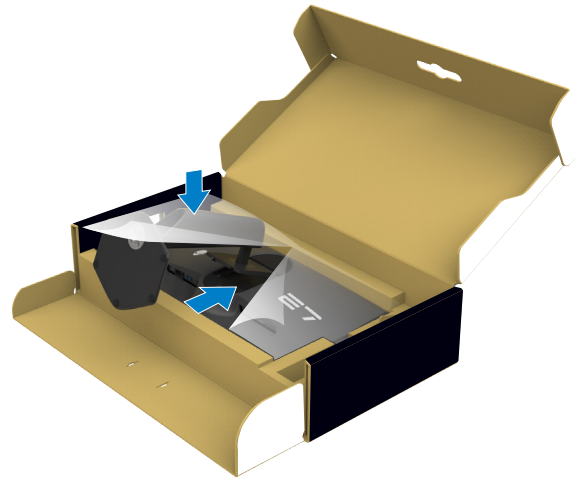


Figure 16. Slide the tabs on the stand riser into the slots

△ **CAUTION: Hold the stand riser firmly when lifting the monitor to avoid any accidental damage.**

- Hold the stand riser and lift the monitor carefully, then place it on a flat surface.



Figure 17. Hold the stand riser and lift the monitor.

- Lift the protective cover from the monitor.

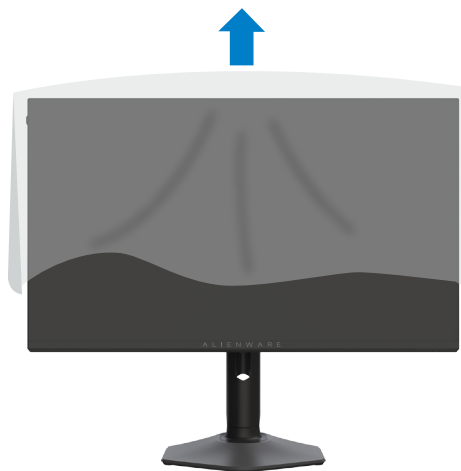


Figure 18. Lift the protective cover from the monitor

Using the tilt, swivel, and height adjustment

① **NOTE:** The following instructions are applicable only for the stand that is shipped with your monitor. If you are connecting a stand that you purchased from any other source, follow the setup instructions that were included with the stand.

Tilt and swivel adjustment

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

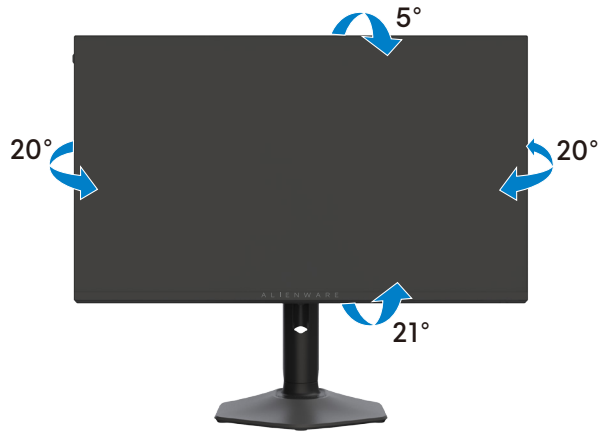


Figure 19. Tilt and swivel adjustment

① **NOTE:** The stand is detached when the monitor is shipped from the factory.

Height adjustment

The stand extends vertically up to 110 mm. The following image illustrates how to extend the stand vertically.

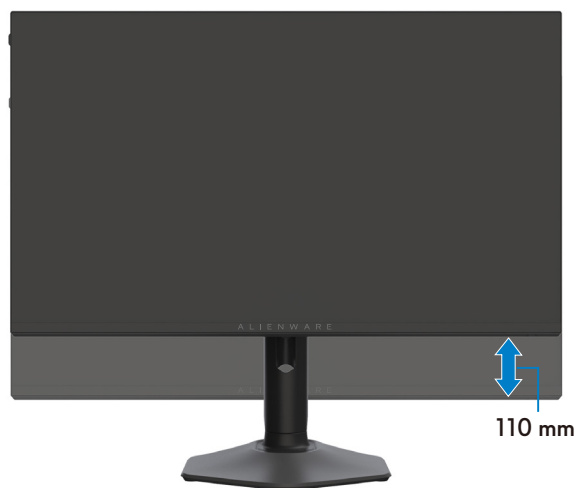


Figure 20. Height adjustment

Rotating the display

Before you rotate the display, extend the display vertically until the top of the stand riser. Tilt the display backwards until the maximum to avoid the bottom edge of the display touching.



Figure 21. Rotating the display

- ① **NOTE:** To toggle the display setting on your Dell computer between landscape and portrait when rotating the display, download and install the latest graphics driver. To download, go to <https://www.dell.com/support/drivers> and search for the appropriate driver.
- ① **NOTE:** When the display is in portrait mode, you may experience performance degradation when using graphic-intensive applications such as 3D gaming.

Organizing your cables



Figure 22. Organizing your cables

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

If a cable does not reach your computer when routing it through the monitor slot, then connect the cable directly to the computer instead.

Connecting your monitor

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

① **NOTE:** Do not connect all the cables to the computer simultaneously.

① **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.
2. Connect the DisplayPort/HDMI/USB cable from your monitor to the computer.

⚠ **CAUTION:** Before using the monitor, it is recommended to fasten the stand riser to a wall using cable tie or a cord that can support the weight of monitor in order to prevent the monitor from falling.



Figure 23. Prevent the monitor from falling

3. Turn on your monitor.
4. Select the correct input source from the OSD Menu on your monitor and then turn on your computer.

Connecting the DisplayPort cable



Figure 24. Connecting the DisplayPort cable

Connecting the HDMI cable

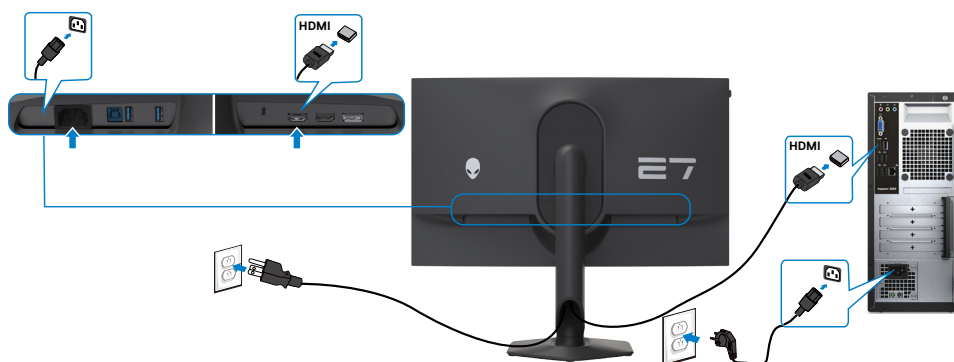


Figure 25. Connecting the HDMI cable

Connecting the USB cable



Figure 26. Connecting the USB cable

Securing your monitor using Kensington lock (optional)

The security lock slot is located at the bottom of the monitor. (See [Security lock slot](#))

For more information about using the Kensington lock (purchased separately), see the documentation that is shipped with the lock. Secure your monitor to a table using the Kensington security lock.

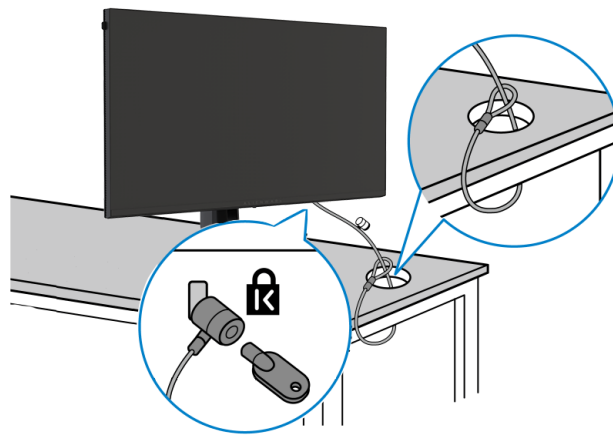


Figure 27. Securing your monitor using Kensington lock

① **NOTE:** The image is for the purpose of illustration only. Appearance of the lock may vary.

Removing the monitor stand

- △ **CAUTION:** To prevent scratches on the LCD screen when removing the stand, ensure that the monitor is placed on a soft, clean surface.
- ① **NOTE:** The following instructions are applicable only for the stand that was shipped with your monitor. If you are connecting a stand that you purchased from any other source, follow the set up instructions that were included with the stand.

To remove the stand:

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



Figure 28. Removing the monitor stand

VESA wall mounting (optional)



Figure 29. VESA wall mounting

- ① **NOTE:** Use M4 x 10 mm screws to connect the monitor to the wall-mounting kit. Refer to the instructions that come with the VESA-compatible wall mounting kit.
1. Place the monitor on a soft cloth or cushion on a stable flat table.
 2. Remove the monitor stand (see [Removing the monitor stand](#)).
 3. Use a Phillips crosshead screwdriver to remove the four screws securing the plastic cover.
 4. Attach the mounting bracket from the wall mounting kit to the monitor.
 5. Mount the monitor on the wall. For more information, see the documentation that is shipped with the wall mounting kit.
- ① **NOTE:** For use only with UL or CSA or GS-listed wall mount bracket with minimum weight/load bearing capacity of 19 kg (41.89 lb).

Operating the monitor

Power on the monitor

Press the power button to turn on the monitor.



Figure 30. Power on the monitor

Using the joystick control




Use the joystick control at the bottom of the monitor to make OSD adjustments.



Figure 31. Using the joystick control

1. Press the joystick button to launch the OSD main menu.
2. Move the joystick up/down/left/right to toggle between options.
3. Press the joystick button again to confirm the settings and exit.

Table 19. Joystick control of the description.

Joystick	Description
	<ul style="list-style-type: none">▪ When the OSD menu is on, press the joystick button to confirm the selection or save the settings.▪ When the OSD menu is off, press the joystick button to launch the OSD main menu. See Accessing the Menu System.
	<ul style="list-style-type: none">▪ To navigate left and right on the OSD menu.▪ Move right to enter the submenu.▪ Move left to exit from the submenu.▪ Increases (right) or decreases (left) the parameters of selected menu item.
	<ul style="list-style-type: none">▪ To navigate up and down on the OSD menu▪ Toggles between the menu items.▪ Increases (up) or decreases (down) the parameters of the selected menu item.

Dual-Resolution switching

There are three ways to enable Dual-Resolution switching as shown:

1. Long press joystick to quick change resolution

- Press and hold joystick for two seconds until a message appears on the screen.

2. Using joystick shortcut key to quick change resolution

- Double tap the joystick to trigger the default in-middle shortcut key for the mode switch toggling (Default shortcut Key 3 is for Dual-Resolution).

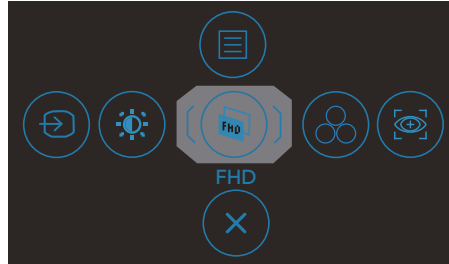


Figure 32. Accessing the Menu Launcher

3. Using the joystick to change resolution step by step

- Press the joystick button to launch the OSD main menu.
- Move the joystick to select **Input source**.
- Move the joystick up or down to select **Dual-Resolution**, move the joystick to switch between **4K** and **FHD** resolution.

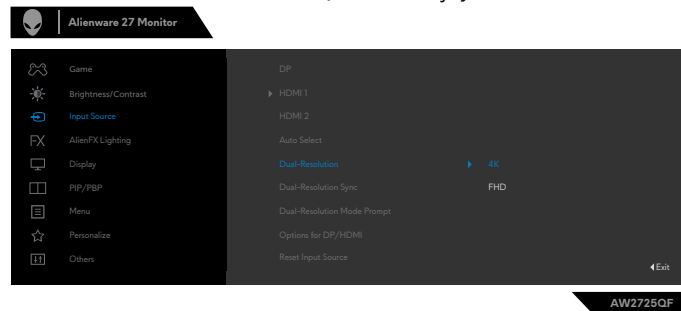


Figure 33. Select Dual-Resolution

Choose any of the mentioned methods, and the following message will appear. Select "Continue" or "Continue & Not Show Again" to switch the resolution.



Figure 34. Dual-Resolution switching warning message

- NOTE:** If you select 'Continue & Not Show Again', the message will not appear the next time you switch the resolution. When you perform a factory reset, the message will appear again.

Accessing the Menu Launcher

When you move or press the joystick, the Menu Launcher appears at the bottom center of the screen, allowing you to access the On-Screen Display (OSD) menu and shortcut functions.

To select a function, move the joystick.

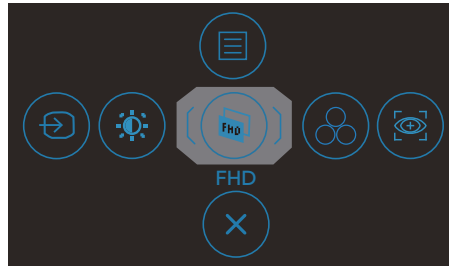









Figure 35. Accessing the Menu Launcher

The following table describes the Menu Launcher functions:

Table 20. Menu Launcher description.

Control button	Description
1  Menu	Use this Menu button to launch the On-Screen Display (OSD) and select the OSD menu. See Accessing the menu system .
2  Brightness/Contrast	To directly access the Brightness/Contrast adjustment sliders.
3  Dual-Resolution	Use this button to switch between 4K and FHD resolution freely.
4  Preset Modes	Use this button to choose from a list of preset color modes .
5  AlienVision	To directly access the AlienVision adjustment slider.
6  Input Source	Use this button to choose from a list of Input Source .
7  Exit	Use this button to go back to the main menu or exit the OSD main menu.

When you press any of these buttons (excluding the joystick button), the On-Screen Display (OSD) status bar appears to let you know the current settings of some On-Screen Display (OSD) functions.

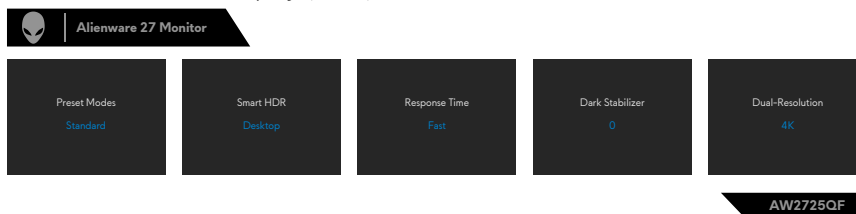
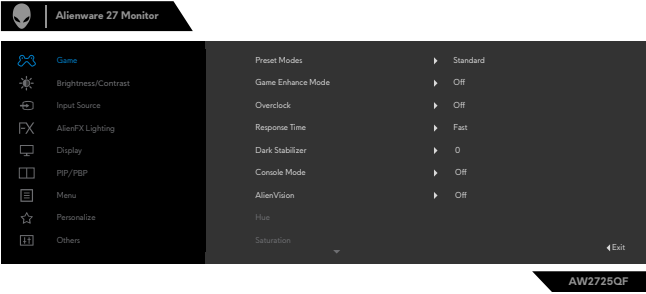
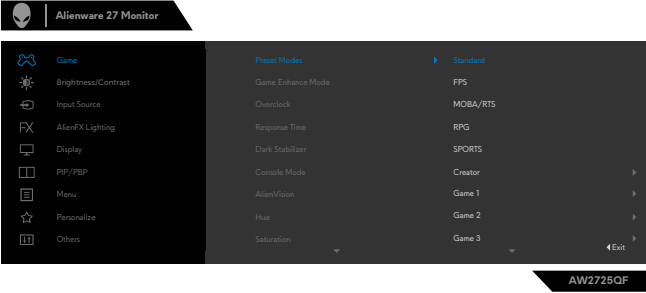



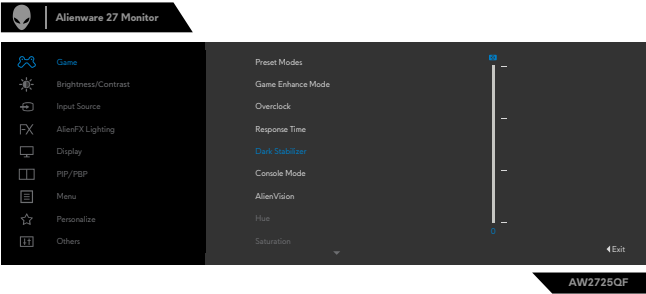
Figure 36. Settings of some On-Screen Display (OSD) functions


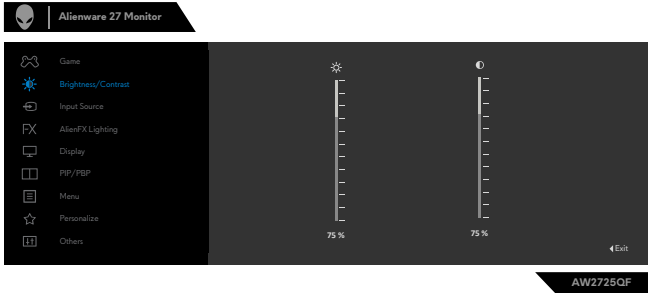

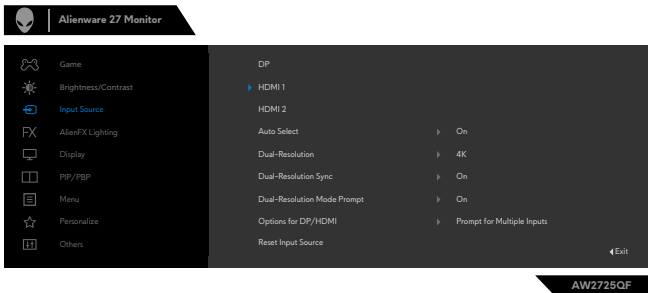
Using the On-Screen Display (OSD) Menu

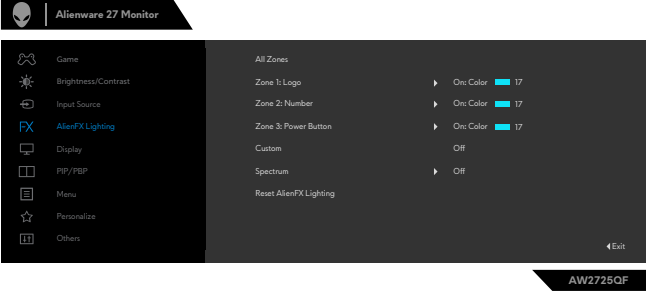
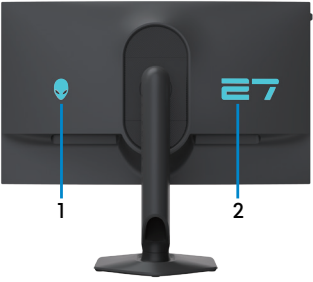

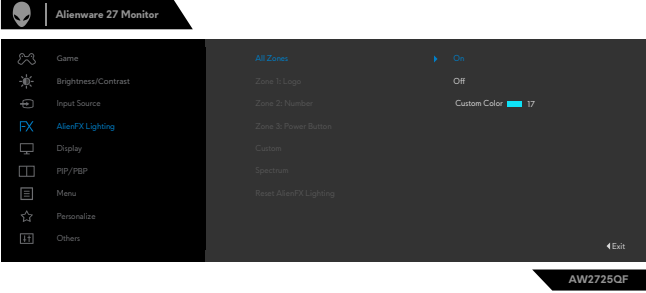
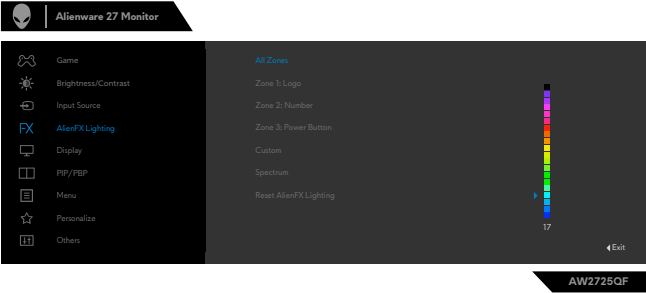
Accessing the menu system

Table 21. On-Screen Display (OSD) Menu description.


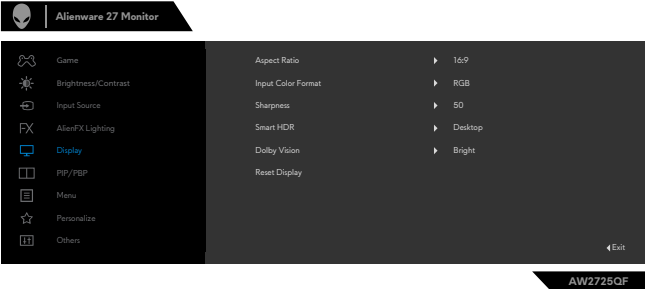
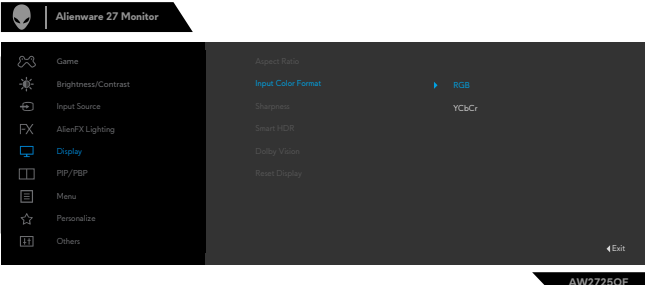
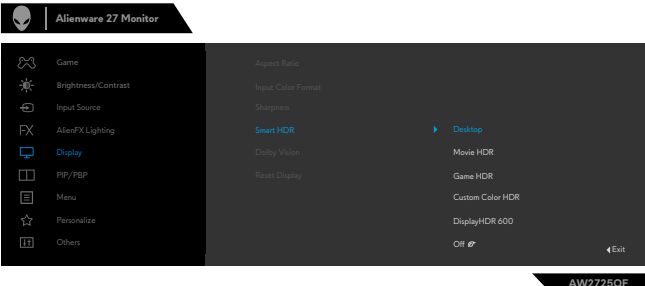
Icon	Menu and Submenus	Description
	Game	<p>Use this menu to personalize your visual gameplay experience.</p> 
	Preset Modes	<p>Allows you to choose from a list of preset color modes.</p>  <ul style="list-style-type: none"> ▪ Standard: Loads the monitor's default color settings. This is the default preset mode. ▪ FPS: Loads color settings ideal for First-Person Shooter (FPS) games. ▪ MOBA/RTS: Loads color settings ideal for Multiplayer Online Battle Arena (MOBA) and Real-Time Strategy (RTS) games. ▪ RPG: Loads color settings ideal for Role-Playing Games (RPG). ▪ SPORTS: Loads color settings ideal for "SPORTS" games. ▪ Creator: Allows you to set Color Space to sRGB or DCI-P3 and adjust the Gamma level (between 1.8 and 2.6). ▪ Game 1/Game 2/Game 3: Allows you to customize the settings such as Response Time, Gain, offset, Hue, Saturation and Dark Stabilizer for your gaming needs. ▪ Warm: Presents colors at lower color temperatures. The screen appears warmer with a red/yellow tint. ▪ Cool: Presents colors at higher color temperatures. The screen appears cooler with a blue tint. ▪ Custom Color: Allows you to manually adjust the color settings. Move the joystick to adjust the Gain, Offset, Hue, and Saturation values and create your own preset color mode. <p>ⓘ NOTE: The feature is disabled when Console Mode is on.</p> <p>ⓘ NOTE: The feature is disabled when Smart HDR or Dolby Vision is activated and HDR content is displayed.</p>
	Game Enhance Mode	<p>Adjusts Game Enhance Mode to Off, Timer, Frame Rate or Display Alignment.</p> <ul style="list-style-type: none"> ▪ Off: Select Off to disable the functions under Game. ▪ Timer: Enable or disable the timer at the upper left corner of the display. The timer shows the time elapsed since the game starts. Select an option from the time-interval list to keep you aware of the remaining time. ▪ Frame Rate: Select On to display the current frames per second when playing games. The higher the rate, the smoother the motion appears. ▪ Display Alignment: Activating the function may help ensure the perfect alignment of the video contents from multiple displays.




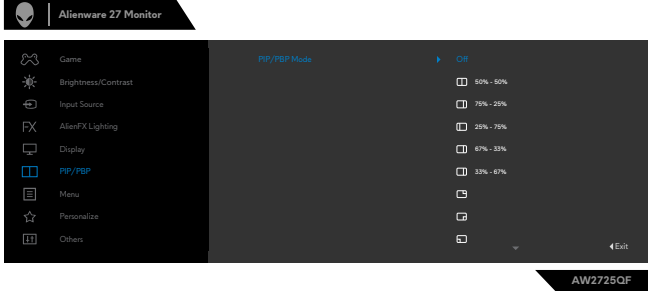
Icon	Menu and Submenus	Description
	Overclock	Allows you to set Off, 4K170/FHD340, 4K175/FHD350, 4K180/FHD360 from the list. The default setting is Off.
	Response Time	Allows you to set the Response Time to Fast , Super Fast , or Extreme .
	Dark Stabilizer	Improves the visibility in the dark gaming scenarios. The higher the value (0 to 3), the more visible the display image will be in dark environment.  <p>NOTE: The feature is disabled when Smart HDR or Dolby Vision is activated and HDR content is displayed.</p>
	Console Mode	Adjusts Console Mode to On/Off , Color , Gamma . Activating the feature gives the best gaming experience when play console games. <ul style="list-style-type: none"> ▪ On/Off: Select to disable the functions under Console Mode. ▪ Color: RGB default 100, this mode can adjust RGB from 0 - 100. ▪ Gamma: Gamma default is at center 2.2. Select this feature allow you to manually adjust Gamma from 1.8–2.6. ▪ Source Tone Map: Select to allow the HDR content to be tone mapped by the source device. <p>NOTE: Console Mode is only for HDMI. Console mode is available when Preset Modes are Off.</p> <p>NOTE: Color/Gamma is disabled when Smart HDR or Dolby Vision is activated and HDR content is displayed.</p> <p>NOTE: Source Tone Map is disabled when Dolby Vision is activated or no HDR content is displayed.</p>
	AlienVision	AlienVision provides a few display modes for gaming scenarios. You can go through the options to see the preview. The default setting is Off . <ul style="list-style-type: none"> ▪ Night: Use this feature when playing games to identify objects clearly, enhance contents in darkness. ▪ Clear: This feature is suitable to clean up visual artifacts, enhance contents details (sharpness, edges, super-resolutions) in a day scene. ▪ Bino: This feature allows you to zoom in on distant objects like a telescope. ▪ Chroma: This feature is able to apply heatmap in dark gaming scenarios. ▪ Crosshair: This feature enhances the visibility of in-game crosshair. <p>NOTE: More AlienVision options are available by using Alienware Command Center (AWCC).</p>
	Hue	This feature can shift the color of the video image to green or purple. This is used to adjust the desired flesh-tone color. Use the joystick to adjust the hue from 0 to 100. Move the joystick up to increase the green shade of the video image. Move the joystick down to increase the purple shade of the video image. <p>NOTE: Hue adjustment is available only for FPS, MOBA/RTS, RPG, SPORTS mode.</p>
	Saturation	This feature can adjust the color saturation of the video image. Use the joystick to adjust the saturation from 0 to 100. Move the joystick up to increase the colorful appearance of the video image. Move the joystick down to increase the monochrome appearance of the video image. <p>NOTE: The Saturation adjustment is available only when you select FPS, MOBA/RTS, SPORTS, or RPG preset mode.</p>
	Reset Game	Resets all settings under the Game menu to the factory defaults.



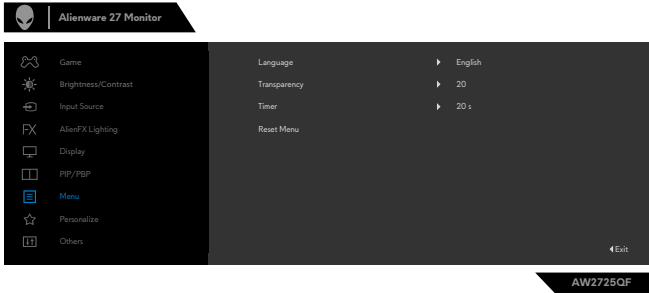
Icon	Menu and Submenus	Description
	Brightness/Contrast	<p>Adjusts the brightness and contrast of the display.</p> 
	Brightness	<p>Adjusts the luminance of the backlight (minimum 0; maximum 100). Move the joystick up to increase the brightness level. Move the joystick down to decrease the brightness level.</p> <p>NOTE: Manual adjustment of Brightness is disabled when Smart HDR or Dolby Vision is activated and HDR content is displayed.</p>
	Contrast	<p>Adjust the Brightness first, and then adjust Contrast only if further adjustment is necessary. Move the joystick Up to increase contrast and Move the joystick Down to decrease contrast (Range: 0 to 100). The Contrast function adjusts the degree of difference between darkness and lightness on the monitor screen.</p> <p>NOTE: Manual adjustment of Contrast is disabled when Smart HDR or Dolby Vision is activated and HDR content is displayed.</p>
	Input Source	<p>Selects between different video signals that may be connected to your monitor.</p> 
	DP	Select DP input when you are using the DP (DisplayPort) connector. Press the joystick button to confirm the selection.
	HDMI 1 HDMI 2	Select the HDMI 1 or HDMI 2 input when you are using the HDMI connector. Press the joystick button to confirm the selection.
	Auto Select	Turn on the function to allow the monitor to automatically scan for available input sources. Press the joystick button to confirm the selection.
	Dual-Resolution	Move the joystick to switch between 4K or FHD resolution.
	Dual-Resolution Sync	Allows you to enable or disable Dual-Resolution Sync function. <ul style="list-style-type: none"> ▪ On: The OSD settings keep sync for 4K mode and FHD mode. ▪ Off: The OSD settings will be independent for 4K mode and FHD mode.
	Dual-Resolution Mode Prompt	Allows you to enable or disable Dual-Resolution Mode Prompt function.
	Options for DP/HDMI	Allows you to set this feature to: <ul style="list-style-type: none"> ▪ Prompt for Multiple Inputs: Always displays the "Switch to DP/HDMI Video Input" message for you to choose whether to switch or not. ▪ Always Switch: Always switches to DP/HDMI video input (without asking) when the DisplayPort or HDMI cable is connected. ▪ Off: Never automatically switches to DP/HDMI video input when the DisplayPort or HDMI cable is connected. Press the joystick to confirm the selection. <p>NOTE: This feature is disabled when Auto Select is set to Off.</p>
	Reset Input Source	Resets your monitor's Input Source settings to the factory defaults.

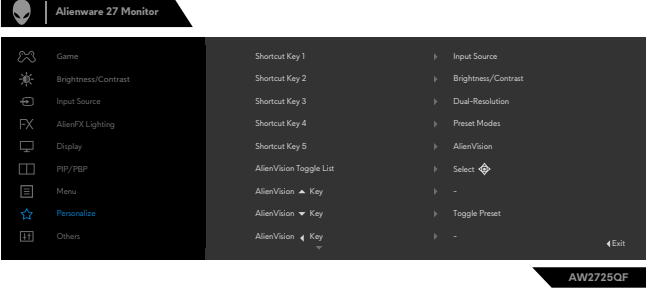

Icon	Menu and Submenus	Description
FX	AlienFX Lighting	<p>Adjusts the LED light settings for the Alienware logo, number graphic, and Power button.</p>  <p>Before making any adjustments, select any or all of these 3 zones from the submenus. The following illustrations indicate the lighting zones.</p>  
All Zones	All Zones	To specify an LED lighting color for the selected zone, select On, move the joystick to highlight Custom Color, and press the joystick to enter its submenu.
Zone 1: Logo	Zone 1: Logo	
Zone 2: Number	Zone 2: Number	
Zone 3: Power Button	Zone 3: Power Button	
		 <p>Then move the joystick to make a selection from the list of 20 available colors.</p> 


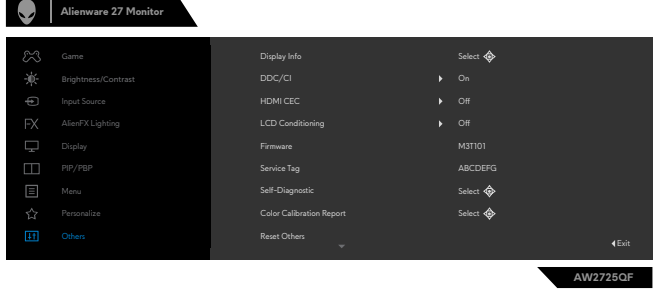
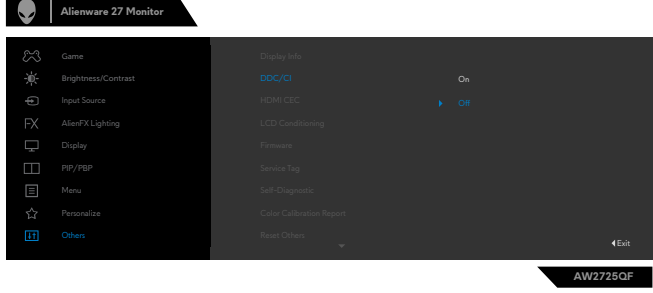
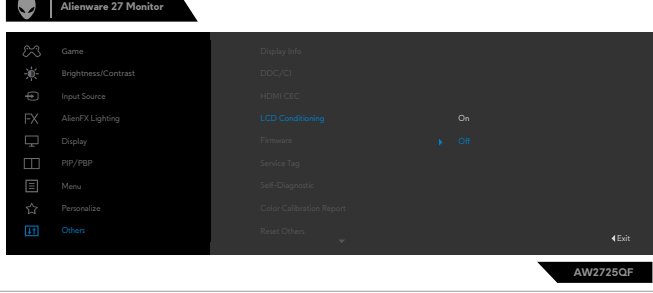
Icon	Menu and Submenus	Description																																																																																				
FX		<p>The following table depicts the color number and the RGB codes used for the 20 LED colors.</p> <table border="1"> <thead> <tr> <th>No.</th> <th>R</th> <th>G</th> <th>B</th> </tr> </thead> <tbody> <tr><td>1</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2</td><td>38</td><td>0</td><td>180</td></tr> <tr><td>3</td><td>51</td><td>0</td><td>198</td></tr> <tr><td>4</td><td>195</td><td>0</td><td>195</td></tr> <tr><td>5</td><td>186</td><td>16</td><td>123</td></tr> <tr><td>6</td><td>194</td><td>0</td><td>65</td></tr> <tr><td>7</td><td>185</td><td>0</td><td>0</td></tr> <tr><td>8</td><td>166</td><td>51</td><td>0</td></tr> <tr><td>9</td><td>185</td><td>96</td><td>0</td></tr> <tr><td>10</td><td>195</td><td>140</td><td>0</td></tr> <tr><td>11</td><td>130</td><td>219</td><td>0</td></tr> <tr><td>12</td><td>62</td><td>223</td><td>0</td></tr> <tr><td>13</td><td>40</td><td>223</td><td>0</td></tr> <tr><td>14</td><td>0</td><td>195</td><td>0</td></tr> <tr><td>15</td><td>0</td><td>205</td><td>25</td></tr> <tr><td>16</td><td>0</td><td>205</td><td>45</td></tr> <tr><td>17</td><td>10</td><td>230</td><td>180</td></tr> <tr><td>18</td><td>0</td><td>101</td><td>247</td></tr> <tr><td>19</td><td>0</td><td>25</td><td>247</td></tr> <tr><td>20</td><td>0</td><td>0</td><td>255</td></tr> </tbody> </table> <p>To turn off the light for All Zones/Zone 1: Logo/Zone 2: Number, select Off. For Zone 3: Power Button, you may specify to turn off the light when the monitor is in on or standby mode.</p> <p>NOTE: These features are available only when Spectrum is disabled.</p>	No.	R	G	B	1	0	0	0	2	38	0	180	3	51	0	198	4	195	0	195	5	186	16	123	6	194	0	65	7	185	0	0	8	166	51	0	9	185	96	0	10	195	140	0	11	130	219	0	12	62	223	0	13	40	223	0	14	0	195	0	15	0	205	25	16	0	205	45	17	10	230	180	18	0	101	247	19	0	25	247	20	0	0	255
	No.	R	G	B																																																																																		
	1	0	0	0																																																																																		
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	17	10	230	180																																																																																		
	18	0	101	247																																																																																		
	19	0	25	247																																																																																		
20	0	0	255																																																																																			
Custom	It is a read-only menu. When you use Custom Color or Spectrum to make LED lighting adjustments, this menu status shows Off; when you make the LED lighting adjustments through AlienFX application, the status shows On.																																																																																					
Spectrum	The default setting is Off. When you select On, the AlienFX lights of 3 zones glow and change colors in the sequence of the color spectrum: red, orange, yellow, green, blue, indigo, and violet.																																																																																					
Reset AlienFX Lighting	Resets your monitor's AlienFX Lighting settings to the factory defaults.																																																																																					

Icon	Menu and Submenus	Description
	Display	<p>Use the Display menu to adjust the images.</p> 
	Aspect Ratio	<p>Adjust the ratio of width to height of an image to 16:9, Auto Resize or 4:3. <i>i</i> NOTE: The feature is disabled when PIP/PBP is activated.</p>
	Input Color Format	<p>Allows you to set the video input mode to:</p> <ul style="list-style-type: none"> ▪ RGB: Select this option if your monitor is connected to a computer or a media player that supports RGB output using a DisplayPort or HDMI cable. ▪ YCbCr: Select this option if your media player supports only YCbCr output. 
	Sharpness	<p>This feature can make the image look sharper or softer. Move the joystick up and down to adjust the sharpness from '0' to '100'.</p>
	Smart HDR	<p>Move the joystick to switch the Smart HDR feature between Desktop, Movie HDR, Game HDR, Custom Color HDR, DisplayHDR 600, and Off. Smart HDR (High Dynamic Range) automatically enhances the display output by adjusting the settings optimally to resemble life-like visuals.</p>  <ul style="list-style-type: none"> ▪ Desktop: This mode is more suitable for general usage of the monitor with a desktop computer. ▪ Movie HDR: Use this mode during playback of HDR video content to expand the contrast ratio, brightness, and color palette. It matches the video quality with real life visuals. ▪ Game HDR: Use this mode when playing games that support HDR to expand the contrast ratio, brightness, and color palette. It makes gaming experience more realistic as intended by game developers. ▪ Custom Color HDR: Enables you to create your own HDR mode by adjusting the settings of Contrast, Hue, and Saturation. ▪ DisplayHDR 600: Suitable for playing HDR content with a peak brightness of 600 cd/m². ▪ Off: Disables Smart HDR function. <p><i>i</i> NOTE: When Dolby Vision is activated, Smart HDR is disabled.</p>

Icon	Menu and Submenus	Description																			
	Smart HDR	<ul style="list-style-type: none"> ❗ NOTE: When activating and deactivating Smart HDR, a blank screen is expected (about 5 seconds). This is normal behavior as the monitor changes the display mode. Do not power cycle the monitor. ❗ NOTE: When the monitor is processing HDR content, Preset Modes, Dark Stabilizer, Brightness, and Contrast are disabled. ❗ NOTE: AW2725QF does not support HLG. ❗ NOTE: The feature is disabled when PIP/PBP is activated. 																			
	Dolby Vision	<p>Allows you to set the Dolby Vision HDR mode to:</p> <ul style="list-style-type: none"> ▪ Bright: Compliant with Dolby Vision Bright mode settings. Use the joystick to adjust Enhancement from 0–3 to create your own Bright mode settings. ▪ Dark: Compliant with Dolby Vision Dark mode settings. Use the joystick to adjust Enhancement from 0–3 to create your own Dark mode settings. ▪ Game: The mode is automatically activated once the Dolby Vision games are detected. Also, you can select this mode to enable Dolby Vision for gaming. Use the joystick to adjust Enhancement from 0–3 to create your own Game mode settings. ▪ Off: Select to turn off Dolby Vision. <ul style="list-style-type: none"> ❗ NOTE: The feature is disabled when there is no Dolby Vision content that is displayed, or Smart HDR is set to Off. ❗ NOTE: Enhancement options only appears when in Dolby Vision Mode. 																			
	Reset Display	Resets all settings under the Display menu to factory defaults.																			
	PIP/PBP	<p>This function brings up a window displaying an image from another input source.</p>  <table border="1" data-bbox="456 1245 1155 1440"> <thead> <tr> <th rowspan="2">Main Window</th> <th colspan="3">Sub-Window</th> </tr> <tr> <th>HDMI 1</th> <th>HDMI 2</th> <th>DP</th> </tr> </thead> <tbody> <tr> <td>HDMI 1</td> <td>×</td> <td>√</td> <td>√</td> </tr> <tr> <td>HDMI 2</td> <td>√</td> <td>×</td> <td>√</td> </tr> <tr> <td>DP</td> <td>√</td> <td>√</td> <td>×</td> </tr> </tbody> </table> <ul style="list-style-type: none"> ❗ NOTE: In PBP mode, the images are displayed at the center of the split windows. 	Main Window	Sub-Window			HDMI 1	HDMI 2	DP	HDMI 1	×	√	√	HDMI 2	√	×	√	DP	√	√	×
	Main Window	Sub-Window																			
HDMI 1		HDMI 2	DP																		
HDMI 1	×	√	√																		
HDMI 2	√	×	√																		
DP	√	√	×																		
PIP/PBP Mode	<p>Adjusts the PIP or PBP (Picture by Picture) mode. You can disable this feature by selecting Off.</p> <ul style="list-style-type: none"> ❗ NOTE: PIP/PBP Mode only available under 4K mode, FHD mode cannot support PIP/PBP mode. 																				

Icon	Menu and Submenus	Description
	PIP/PBP (Sub)	Select between the different video signals that may be connected to your monitor for the PIP/PBP sub-window. Press the joystick to confirm the selection. <i>i</i> NOTE: This feature is available only when the PIP/PBP mode is enabled.
	Video Swap	Select to swap videos between the main window and sub-window in PBP mode. Move the joystick to swap the main window and sub-window. <i>i</i> NOTE: The feature is available only when the PIP/PBP mode is enabled.
	Audio	Allows you to set the audio source from the main window or the sub-window. <i>i</i> NOTE: The feature is available only when the PIP/PBP mode is enabled. <i>i</i> NOTE: The feature is disabled when the HDMI 2 eARC/ARC port is not connected to external audio systems with the HDMI 2.1 cable that came with the monitor.
	Contrast (Sub)	Adjust the Contrast level of the picture in PBP Mode. Move the Joystick to increase or decrease the contrast. <i>i</i> NOTE: The feature is available only when the PIP/PBP mode is enabled. <i>i</i> NOTE: The feature is disabled when Smart HDR or Dolby Vision is activated and HDR content is displayed.
	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. 
	Language	Set the OSD display to one of eight languages. (English, Spanish, French, German, Brazilian Portuguese, Russian, Simplified Chinese, or Japanese).
	Transparency	Select this option to change the menu transparency by moving the joystick up or down (min. 0/ max. 100).
	Timer	OSD Hold Time: Sets the length of time the OSD remains active after you press a button. Move the joystick to adjust the slider in 1-second increments, from 5 to 60 seconds.
	Reset Menu	Resets all settings under the main Menu to the factory defaults.

Icon	Menu and Submenus	Description
☆	Personalize	
	Shortcut key 1	<p>Allows you to choose a feature from Preset Modes, Game Enhance Mode, Overclock, Dark Stabilizer, AlienVision, Brightness/Contrast, Input Source, Aspect Ratio, Smart HDR, PIP/ PBP Mode, Dual-Resolution, and Video Swap set it as a shortcut key.</p>
	Shortcut key 2	
	Shortcut key 3	
	Shortcut key 4	
	Shortcut key 5	
	AlienVision Toggle list	<p>Allows you to choose a feature Toggle Preset, Night, Clear, Chroma, and Crosshair set it as a shortcut key.</p>
	AlienVision ▲ Key	<p>You can define the joystick movements for AlienVision preset modes; therefore, when you move the joystick in any specified direction, a particular AlienVision mode is activated. If you select Toggle Preset, you can toggle through the modes specified in AlienVision Toggle List and the Off option.</p> <p>By factory default, the AlienVision ▼ Key is enabled and set to Toggle Preset.</p>
	AlienVision ▼ Key	
	AlienVision ◀ Key	
	AlienVision ▶ Key	
	USB	<p>Allows you to set the On in Standby Mode or Off in Standby Mode  to save energy.</p>
	Reset Personalization	<p>Resets all settings under the Personalize menu to the factory preset values.</p>

Icon	Menu and Submenus	Description
	Others	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 you to adjust features such as brightness and color balance of your monitor using software installed on your computer. You can disable this feature by selecting Off . Enable this feature for the best user experience and optimum performance of your monitor. 
	HDMI CEC	Allows you to turn on or off the HDMI CEC feature. NOTE: When using eARC/ARC with a device such as a sound bar, turn on HDMI CEC.
	LCD Conditioning	Helps reduce minor cases of image retention. Depending on the degree of image retention, the program may take some time to run. You can enable this feature by selecting On . 
	Firmware	Displays the firmware version of your monitor.
	Service Tag	Displays the Service Tag. 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 that is located at the bottom of the cover.
	Self-Diagnostic	Use this option to run the built-in diagnostics, see Built-in Diagnostics .
	Color Calibration Report	Allows you to review the monitor's color data calibrated at factory product line. NOTE: This feature is disabled when this monitor's panel or interface board is replaced.
	Reset Others	Resets all settings under the Others menu to the factory defaults.
	Factory Reset	Restores all preset values to the factory default settings.

OSD warning messages

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

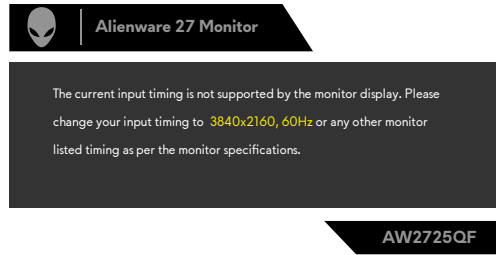


Figure 37. Resolution warning message

This means that the monitor cannot synchronize with the signal that it is receiving from the computer. See [Monitor Specifications](#) for the horizontal and vertical frequency ranges addressable by this monitor. Recommended mode is 3840 x 2160.

① **NOTE:** The message that appears on the monitor varies based on the type of input cable used.

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

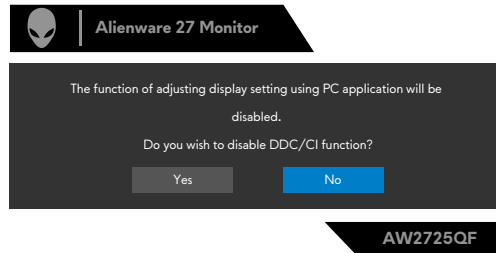


Figure 38. DDC/CI warning message

When the monitor enters the **Standby Mode**, the following message will appear:



Figure 39. Standby mode warning message

Activate the computer and wake up the monitor to gain access to the [OSD](#).

When you increase the **Brightness** level above the factory default setting for the first time, the following message appears:

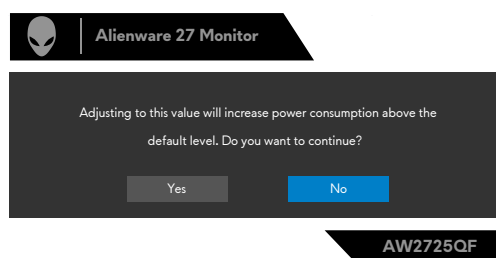


Figure 40. Power warning message

When you select **FPS/MOBA(RTS)/SPORT** under **Preset Modes** in the **Game** menu OSD for the first time after factory reset, the following message appears:

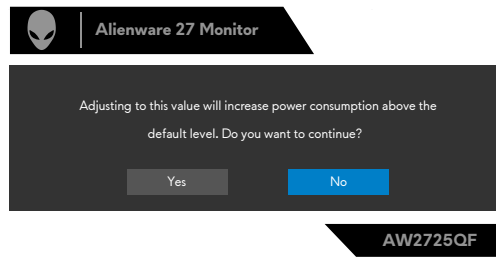


Figure 41. Power warning message

① **NOTE:** If you select No, the Brightness would be changed to 75% for these Preset Modes.

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

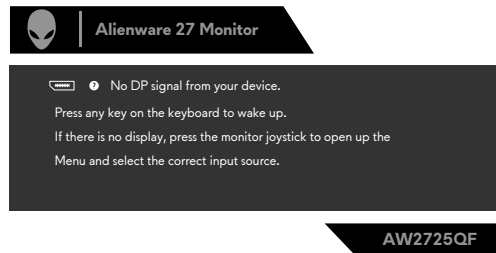


Figure 42. Monitor wake-up warning message

If either DP, HDMI 1 and HDMI 2 input is selected and the corresponding cable is not connected, a floating dialog box as shown below appears.

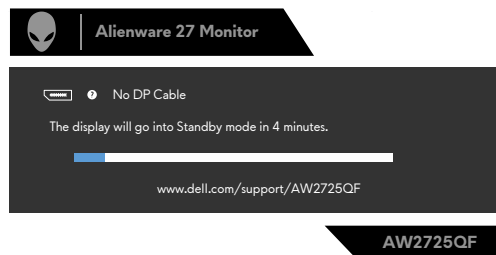


Figure 43. DP cable disconnected warning message

① **NOTE:** The message may be slightly different according to the selected input signal.

When you select OSD items of **Factory Reset** in **Other** feature, the following message will appear:

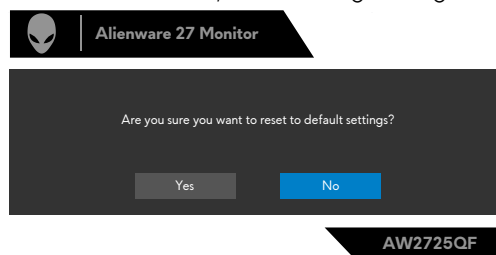






Figure 44. Factory Reset warning message

See [Troubleshooting](#) for more information.

Locking the control buttons

You can lock the monitor control buttons to prevent access to the OSD menu and/or power button.

1. Move and hold the joystick forward/back/left/right for about 4 seconds until a pop-up menu appears.
2. Move the joystick to select one of the following options:
 -  : The OSD menu settings are locked and not accessible.
 -  : The power button is locked.
 -  : The OSD menu settings are not accessible and the power button is locked.
3. Press the joystick to confirm the configuration.

To unlock, move and hold the joystick forward/back/left/right for about 4 seconds until a menu appears on the screen, and then select  to unlock and close the pop-up menu.

Setting the maximum resolution

To set the maximum resolution for the monitor:

In Windows 7, Windows 8 or Windows 8.1:

1. For Windows 8 or Windows 8.1 only, select the Desktop tile to switch to classic desktop. For Windows Vista and Windows 7, skip this step.
2. Right-click on the desktop and click **Screen Resolution**.
3. Click the Dropdown list of the **Screen Resolution** and select **3840 x 2160**.
4. Click **OK**.

In Windows 10 and Windows 11:

1. Right-click on the desktop and click **Display Settings**.
2. Click **Advanced display settings**.
3. Click the dropdown list of **Resolution** and select **3840 x 2160**.
4. Click **Keep Changes** or **Revert**.

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

If you have a Dell desktop or a 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 your computer manufacturer's support website and download the latest graphic drivers.
- Go to your graphics card manufacturer's website and download the latest graphic drivers.

Open Auto HDR in Windows 11

In Windows 11, set the Auto HDR mode for gaming to improve picture quality.

1. Use the joystick, select **Display > Smart HDR > Game HDR**.

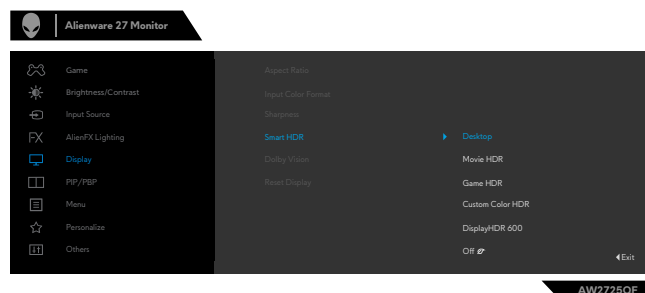


Figure 45. Select Game HDR in Display menu.

2. Click Windows start menu, click **Settings**.

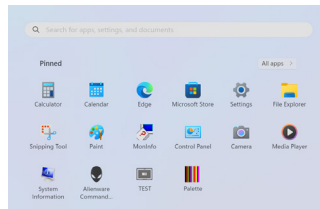


Figure 46. Click Settings in Windows start menu.

3. Click **System > Display > HDR**, Select **Use HDR with Supported**, and **Use HDR with On**.

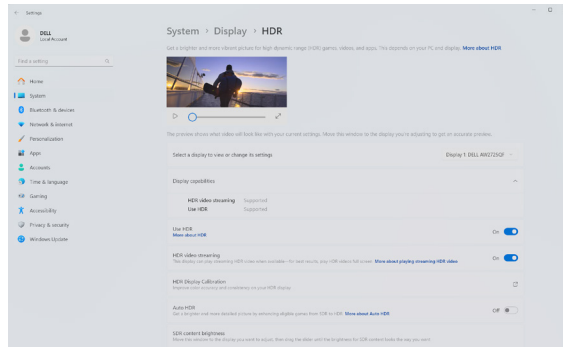


Figure 47. Select Use HDR with Supported, and Use HDR with On.

4. Select **Auto HDR** with **On**.

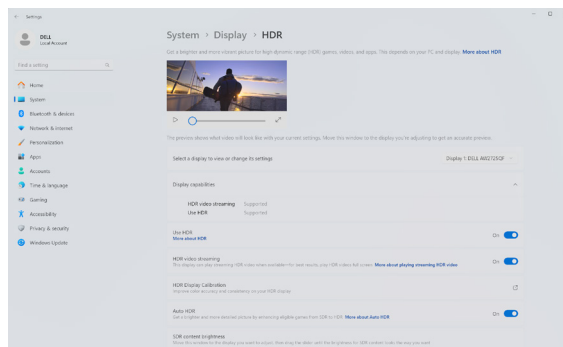


Figure 48. Select Auto HDR with On.

5. A message pops as below when you start a game.

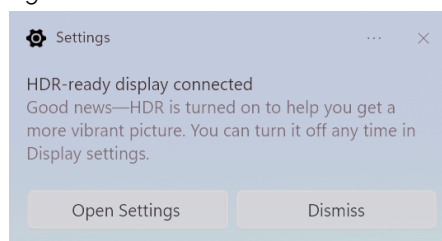


Figure 49. HDR-ready display connected warning message

Using AlienFX application

You can customize advanced features for your monitor through AlienFX™ in the Alienware Command Center (AWCC).

- ① **NOTE:** If you have an Alienware Gaming desktop or laptop, you can directly access the AWCC.
- ① **NOTE:** For more information, see Alienware Command Center Online Help.

Prerequisites

Before installing the AWCC on a non-Alienware computer:

- Ensure that the operating system of your computer is Windows 10 R3 or later.
- Ensure that your Internet connection is active.
- If you want to adjust the lighting effects, make sure to connect the Alienware monitor and the computer with the supplied USB 3.2 Gen 1 (5 Gbps) upstream cable.

Installing AWCC through Windows update

1. When the monitor is first connected to a system where AWCC application is not installed, the application will be downloaded and installed on the system. The installation takes few minutes to complete.
 - ① **NOTE:** This process of downloading has dependency on the Internet connection.
 2. Navigate to the program folder to ensure that the installation is successful. Alternatively, you can find the AWCC application in the **Start** menu.
 3. Ensure the USB upstream cable is connected to control lighting effects.
- In the Settings window, click **Windows Update**, and then click **Check** for updates to check the Alienware driver update progress.
 - If the driver update is not responding in your computer, install AWCC from the Dell Support website.
4. Restart OS.
 5. Launch the AWCC.

Installing AWCC from the Dell Support website

Enter AW2725QF in the query field at www.dell.com/support/drivers, and download the latest version of the Alienware Command Center Application.

1. Navigate to the folder in which you saved the setup files.
2. Double-click the setup file and follow the on-screen instructions to complete the installation.

Adjusting the lighting effects

1. Launch the AWCC application from the **Start** menu.
 2. In the window of Dashboard view, click the monitor image of AW2725QF to access the device view.
 3. Select the **LIGHTING** panel.
 4. Specify the lighting zones in the preview window.
 5. Select an effect from the **LIGHTING EFFECT** dropdown list and configure the available options.
 - **Morph:** The effect changes the light color into another through a seamless transition.
 - **Pulse:** The effect makes the light flash with a short pause.
 - **Color:** The lights will light in a single static color.
 - **Breathing:** The effect makes the light change from bright to dim.
 - **Spectrum:** The effect makes the light change in the sequence of spectrum: Red, orange, yellow, green, blue, indigo, and violet. You can drag the TEMPO slider to adjust the transition speed.
- ① **NOTE:** The option is available only when you select All Zones to make lighting adjustments.
 - **Static Default Blue:** This effect makes the lights glow solid blue. You can drag the BRIGHTNESS slider to change the intensity of the color from strong to light.
 - ① **NOTE:** The option is available only when you select All Zones to make lighting adjustments.

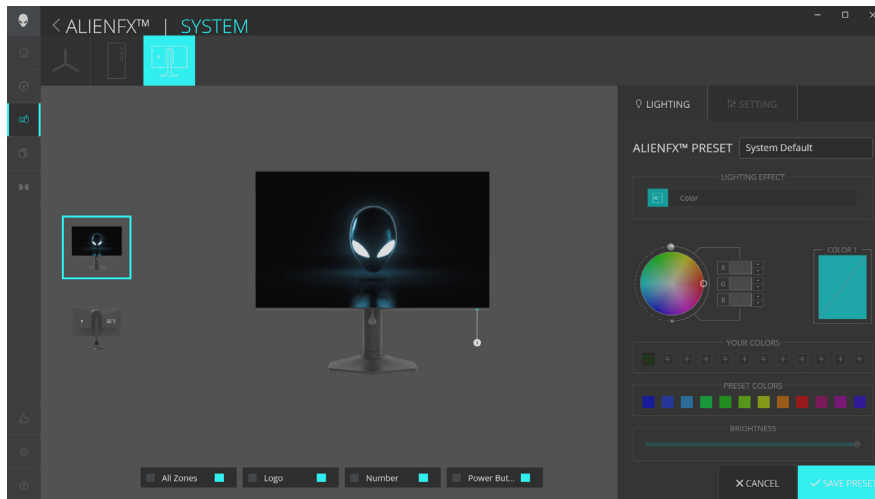


Figure 50. AlienFX adjusting the lighting effects

Setting

1. Launch the AWCC application from the Start menu.
2. In the window of Dashboard view, click the monitor image of AW2725QF to access the device view.
3. Select the SETTING panel to customize the following features:

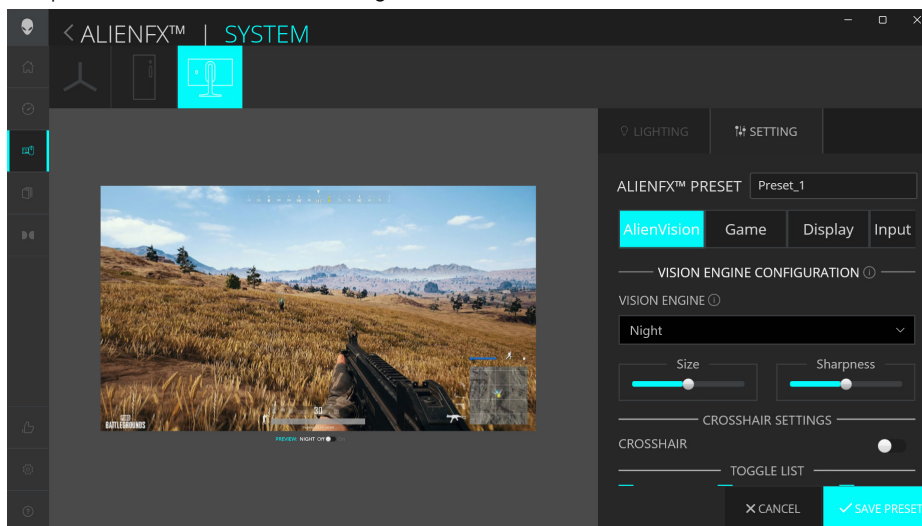


Figure 51. AlienFX setting

① **NOTE:** Please note that periodic software updates may result in changes to the user interface, which may affect the layout, navigation, or functionality of certain features.

- **AlienVision:** Select a vision mode from the **VISION ENGINE** dropdown list.

Table 22. AlienVision feature description.

Feature	Description
Night	Use this feature when playing games to identify objects clearly, enhance contents in darkness.
Clear	This feature is suitable to clean up visual artifacts, enhance contents details (sharpness, edges, super-resolutions) in a day scene.
Bino	This feature allows you to zoom in on distant objects like a telescope.
Chroma	This feature is able to apply heatmap in dark gaming scenarios. The heatmap feature is available only for Chroma.
Crosshair	Help in aiming the target during challenging battles. Select a crosshair type that matches the gameplay from the dropdown list. ① NOTE: To view the AlienVision effects during features customization, toggle the PREVIEW switch to the ON state. ① NOTE: Different product models may have different features supported.

- **Game:** Click the Game button to enhance your gameplay experience by using the provided features.
- **Display:** Click the Display button to adjust the display settings.

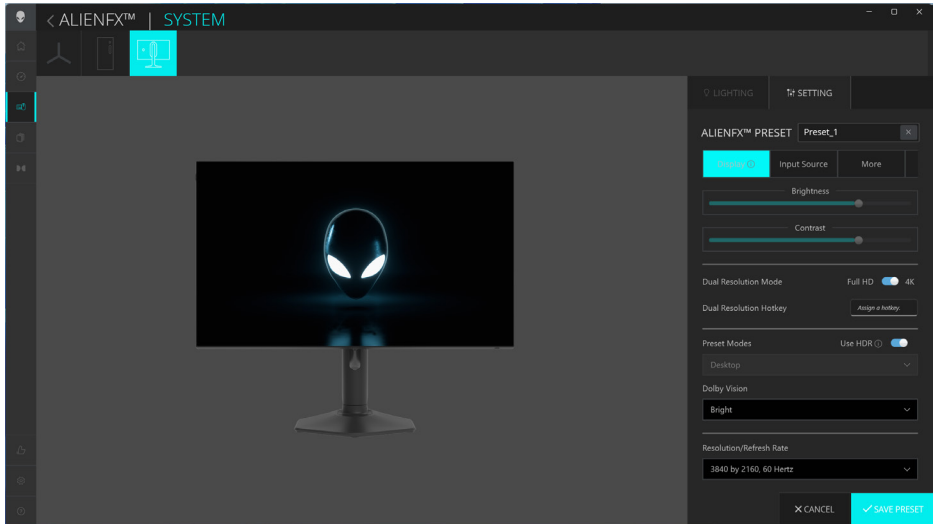


Figure 52. Display configuration

Table 23. Display configuration feature description.

Feature	Description
Brightness	Drag the sliders to make the adjustment. Refer to Brightness and Contrast.
Contrast	ⓘ NOTE: These features may be grayed out depending on the current HDR state.
Dual Resolution Mode	You can define hotkeys to switch between 4K and FHD resolutions.
Preset Modes	The Preset Modes dropdown list changes according to the state of Smart HDR switch. When you toggle the Smart HDR switch to the ON state, refer to Smart HDR ; when you toggle the Smart HDR switch to the OFF state, refer to Preset Modes .
Smart HDR	To play the HDR content with Dolby Vision enabled, toggle the Smart HDR switch to the ON state.
Dolby Vision	Refer to Dolby Vision .
Resolution/Refresh Rate	Allows you to change the settings of resolution and refresh rate of the system. ⓘ NOTE: This feature is disabled when you set to duplicate screen on multiple monitors.

- **Input Source:** Select video inputs for your **Main** window and **Sub** window.

Table 24. Input Source configuration feature description.

Feature	Description
PIP/PBP configuration	This feature allows you to display images from different video sources. When you toggle the PIP/PBP switch to the ON state, the options of preset PBP or PIP modes are displayed under the preview window, and you can select your preferred mode.
Contrast (Sub)	Drag the slider to adjust the contrast level of the picture in the Sub window.
Video Swap	You can define the shortcut keys to swap video inputs between the main window and sub window.
Change input sources	You can define the shortcut keys to swap input source.

- **More:** Displays the monitor's Model, Service tag, Manufactured date, and Firmware Version information.

Troubleshooting

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

Self-test

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

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

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

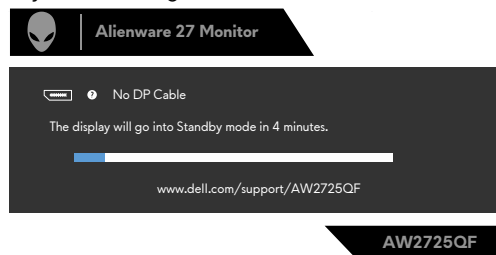


Figure 53. DP cable disconnected warning message

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

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

Built-in diagnostics

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

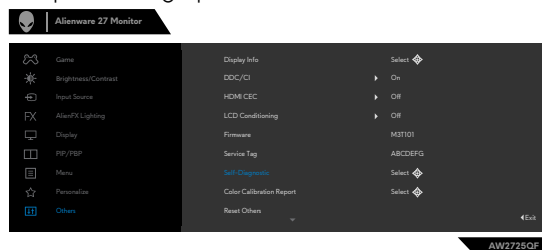


Figure 54. Built-in diagnostics

To run the built-in diagnostics:

1. Ensure that the screen is clean (no dust particles on the surface of the screen).
2. Using the joystick, navigate on the OSD menu and select **Others > Self-Diagnostic**.
3. Press the joystick button to start the diagnostics. A gray screen is displayed.
4. Observe if the screen has any defects or abnormalities.
5. Toggle the joystick once again until a red screen is displayed.
6. Observe if the screen has any defects or abnormalities.
7. Repeat steps 5 and 6 until the screen displays green, blue, black, and white colors. Note any abnormalities or defects.

If you do not detect any screen abnormalities upon using the built-in diagnostic tool, the monitor is functioning properly. Check the graphics card and computer.

The test is completed when a text screen is displayed. To exit, toggle the joystick control again.

Common problems

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

Table 25. Common problems description.

Common Symptoms	What You Experience	Possible Solutions
No Video/Power LED off	No picture	<ul style="list-style-type: none"> 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 in the Input Source menu.
No Video/Power LED on	No picture or no brightness	<ul style="list-style-type: none"> Increase brightness and contrast controls via 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 in the Input Source menu.
Missing Pixels	LCD screen has spots	<ul style="list-style-type: none"> Turn off the monitor and turn it on again. A pixel that is permanently off is a natural defect that can occur in LCD technology. For more information about Dell Monitor Quality and Pixel Policy, see Dell Support site at: https://www.dell.com/pixelguidelines
Stuck-on Pixels	LCD screen has bright spots	<ul style="list-style-type: none"> Turn off the monitor and turn it on again. A pixel that is permanently off is a natural defect that can occur in LCD technology. For more information about Dell Monitor Quality and Pixel Policy, see Dell Support site at: https://www.dell.com/pixelguidelines
Brightness Problems	Picture too dim or too bright	<ul style="list-style-type: none"> Reset the monitor to factory settings. Adjust brightness and contrast controls using the OSD.
Safety-Related Issues	Visible signs of smoke or sparks	<ul style="list-style-type: none"> Do not perform any troubleshooting steps. Contact Dell immediately.
Intermittent Problems	Monitor malfunctions on and off	<ul style="list-style-type: none"> Ensure that the video cable connecting the monitor to the computer is connected properly and is secure. Reset the monitor to factory settings. Perform the monitor self-test feature (see Self-test) check to determine if the intermittent problem is identified in the self-test mode.
HDR Problems	Cannot set the GFX solution into HDR mode after switching into Desktop/Movie HDR/Game HDR Presets	<ul style="list-style-type: none"> Ensure that your computer or graphics solution meets the minimum requirement for HDR playback and install the latest software drivers for the graphics card. Ensure that the HDMI 2.1 cable that comes with the package is used. If the above steps fail, choose the resolution 3840 x 2160 from the Display Properties to force the proper HDR signaling.
Missing Color	Picture missing color	<ul style="list-style-type: none"> 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 is not good	<ul style="list-style-type: none"> Change the settings of the Preset Modes in the Game menu OSD depending on the application. Adjust the Gain/Offset/Hue/Saturation values under Game1/ Game 2/Game 3 in the Game menu OSD. Change the Input Color Format to RGB or YCbCr/YPbPr in the Display menu OSD. Run the built-in diagnostics.
Image retention from a static image left on the monitor for a long period	A faint shadow from the static image that is displayed appears on the screen	<ul style="list-style-type: none"> Set the screen to turn off after a few minutes of screen idle time. These can be adjusted in the Windows Power Options or Mac Energy Saver setting. Alternatively, use a dynamically changing screensaver.

Product specific problems

Table 26. Product specific problems description.

Common Symptoms	What You Experience	Possible Solutions
The screen image is too small	The image is centered on the screen, but does not fill the entire viewing area	<ul style="list-style-type: none"> Check the Aspect Ratio setting in the Display menu OSD. Reset the monitor to factory settings.
Cannot adjust the monitor with the buttons on the front panel	OSD does not appear on the screen	<ul style="list-style-type: none"> Turn off the monitor, unplug the power cable, plug it back, and then turn on the monitor.
No Input Signal when user controls are pressed	No picture, the LED light is white	<ul style="list-style-type: none"> Check the signal source. Ensure that the computer is not in the power saving mode by moving the mouse or pressing any key on the keyboard. Check whether the signal cable is plugged in properly. Connect the signal cable again, 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	<ul style="list-style-type: none"> Due to different video formats (aspect ratio) of DVDs, the monitor may display in full screen. Run the built-in diagnostics.
No image when using DP connection to the personal computer	Black screen	<ul style="list-style-type: none"> Verify which DP standard (DP 1.1a or DP 1.4) your graphics card is certified to. Download and install the latest graphics card driver. Some DP 1.1a graphics card cannot support DP 1.4 monitors.
After changing resolution from FHD to 4K or vice versa, the image does not fit the new resolution	The image looks 4 times or one quarter the size of the screen	<ul style="list-style-type: none"> Refer to https://www.dell.com/support/AW2725QF/displayscaling for the workaround steps.
After changing resolution and display mode in the game settings, mouse pointer misalignment occurs.	The position of the mouse pointer is different from the location where the user interacts with the screen	<ul style="list-style-type: none"> Locate the executable of the game Right-click the executable, select Properties Click on 'Compatibility' tab Click 'Change high DPI settings' Select 'Override high DPI scaling behavior'. Ensure 'Application' is selected.
Dolby Vision logo Problem	Dolby Vision logo change to HDR+logo in the OSD menu	<ul style="list-style-type: none"> Make sure your source is Dolby Vision Certificated; Update your source's Graphic card driver to latest; Reboot your source or disable then enable HDR from windows display setting

Universal Serial Bus (USB) specific problems

Table 27. USB specific problems description.

Common Symptoms	What You Experience	Possible Solutions
USB interface is not working	USB peripherals are not working	<ul style="list-style-type: none"> ▪ Check that your display is turned ON. ▪ Reconnect the upstream cable to your computer. ▪ Reconnect the USB peripherals (downstream connector). ▪ Turn off your monitor and turn it on again. ▪ Restart your computer. ▪ Certain USB devices such as portable hard drives require a higher power source; connect the drive to the computer directly.
Super speed USB 3.2 Gen1 interface is slow	Super speed USB 3.2 Gen1 peripherals working slowly or not working at all	<ul style="list-style-type: none"> ▪ Check that your computer is USB 3.0-capable. ▪ Some computers have USB 3.0, USB 2.0, and USB 1.1 ports. Ensure that the correct USB port is used. ▪ Reconnect the upstream cable to your computer. ▪ Reconnect the USB peripherals (downstream connector). ▪ Restart your computer.
Wireless USB peripherals stop working when a USB 3.2 Gen1 device is plugged in	Wireless USB peripherals responding slowly or only working as the distance between itself and its receiver decreases	<ul style="list-style-type: none"> ▪ Increase the distance between the USB 3.0 peripherals and the wireless USB receiver. ▪ Position your wireless USB receiver as close as possible to the wireless USB peripherals. ▪ Use a USB-extender cable to position the wireless USB receiver as far away as possible from the USB 3.0 port.

Regulatory information

FCC notices (U.S. only) and other regulatory information

For FCC notices and other regulatory information, see the regulatory compliance at https://www.dell.com/regulatory_compliance.

EU product database for energy label and product information sheet

AW2725QF: <https://eprel.ec.europa.eu/qr/2046406>

Contacting Dell

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

- ① **NOTE:** Availability varies by country or region and product, and some services may not be available in your country.
- ① **NOTE:** If you do not have an active Internet connection, you can find contact information about your purchase invoice, packing slip, bill, or Dell product catalog.

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