

# ALIENWARE 32 4K QD-OLED GAMING MONITOR AW3225QF



**EXTREME DETAIL MEETS STUNNING COLOR PERFORMANCE IN THE  
WORLD'S FIRST 4K QD-OLED GAMING MONITOR\***

*\*Based on internal analysis, Sep 2023.*

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# STUNNING CURVED 4K QD-OLED PANEL

Incredible detail of 4K resolution (3840x2160) meets the high-level color performance of a QD-OLED panel – capture every detail of your game in vibrant color.

Experience remarkable clarity, high color purity, and exceptionally-detailed dark scenes with no unwanted “halo” effect thanks to QD-OLED technology.



Designed to portray your game in a more natural viewing experience, the curved 1700R screen captures more peripheral vision.

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# QD-OLED COLOR PERFORMANCE



*Conventional Panel*

*QD-OLED Panel*

The AW3225QF uses advanced **Quantum Dot OLED technology** to achieve stunning color and clarity.

**Infinite contrast ratio** and **VESA DisplayHDR True Black 400** ensure vibrant brights and deep, inky blacks, all in the same scene.

Fantastic color performance brings games to life with **DCI-P3 99.3% color coverage** and **Delta E<2 accuracy**, while hardware-based TUV-certified **ComfortView Plus** reduces blue light emissions without sacrificing color.

# DOLBY VISION



*SDR*

*Dolby Vision HDR*

The AW3225QF features **Dolby Vision HDR**, which brings incredible brightness, contrast, and color to your games for a more intense, immersive, and engaging experience.

Dolby Vision gives you a new, expanded realm of ultravivid color, striking brightness, dramatic contrast, and lifelike detail that transports players game worlds.



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# MAXIMUM COMPATIBILITY WITH HDMI 2.1 FRL



Plug in your compatible next-gen gaming console with **HDMI 2.1 FRL** to achieve 4K at 120Hz\*. Enjoy smooth, lag free gaming with a variable refresh rate and auto low latency mode via HDMI.

Dedicated console mode implements source-based tone mapping for optimized HDR performance on game consoles.

Boost your immersion with eARC compatibility by connecting to Dolby Atmos speakers and soundbars.



*\*With 4k @120FPS capable console games.  
Full 240Hz capable via DisplayPort.*

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# CAPTIVATINGLY SMOOTH



Maintain smooth motion clarity in fast-paced scenes with a **refresh rate of up to 240Hz** via DisplayPort.

With a **gray-to-gray response time of 0.03 ms**, AW3225QF eliminates blurring and ghosting for superbly clear motion.

**NVIDIA G-SYNC Compatible** and **VESA AdaptiveSync** certification deliver a seamless, tear-free gaming experience even during intense in-game action.

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# DESIGNED FOR GAMERS

## Iconic design

Elevate your space with a bold, industrial look and feel.

## Enhanced ambience

Match your chosen aesthetic with customizable 3-zone AlienFX lighting.



## Optimal ventilation

Integrated 360-degree ventilation between panel and back housing for better performance.

## Choose your angle

Opt for more comfort and versatility with an adjustable stand.

## AlienVision

Accessible via the monitor's menu are AlienVision overlays – visual options that give players the ability to enhance their gaming performance.

## Cable management

Improved Cable management hidden within stand riser and removable panel

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# PREMIUM SUPPORT



The new Alienware 32 4K QD-OLED Gaming Monitor comes with a **3-year premium warranty, including coverage for OLED burn-in**, for additional peace of mind.

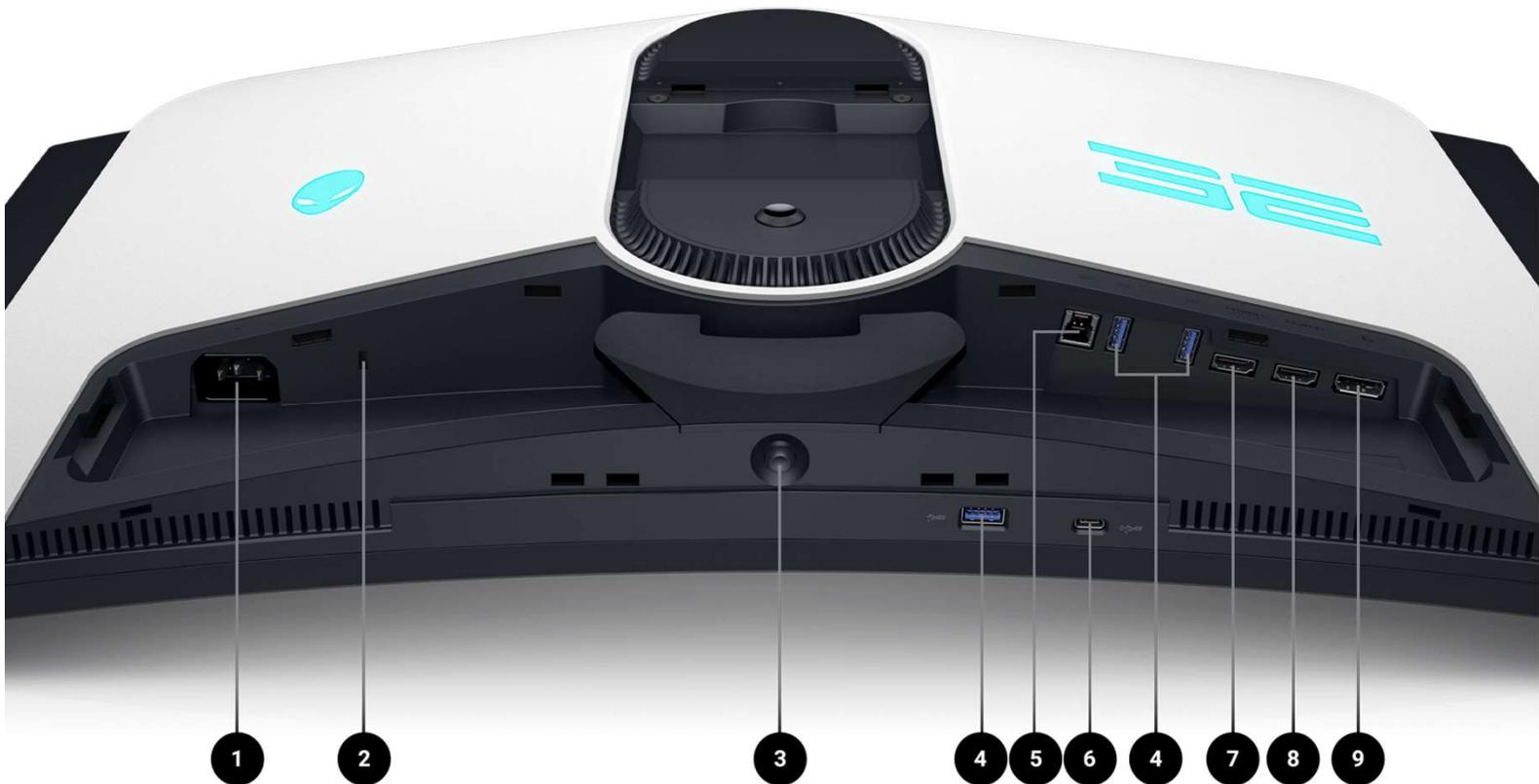
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# DIMENSIONS & WEIGHT



<b>Height with stand (Compressed ~ Extended)</b>	472.77 mm ~ 582.77 mm 18.61 inches ~ 22.94 inches
<b>Width</b>	715.56 mm 28.17"
<b>Depth</b>	305.72 mm 12.04 inches
<b>Height without stand</b>	421.92 mm 16.61"
<b>Width without stand</b>	715.56 mm 28.17"
<b>Depth without stand</b>	106.44 mm 4.19"
<b>Weight (panel only - for VESA mount)</b>	6 kg 13.23 lb
<b>Weight (with packaging)</b>	14.39 kg 31.72 lb

# CONNECTIVITY OPTIONS



1. Power connector
2. Security-lock slot (based on Kensington Security Slot)
3. Joystick
4. Superspeed USB 5 Gbps (USB 3.2 Gen 1) Type-A downstream ports
5. Superspeed USB 5 Gbps (USB 3.2 Gen 1) Type-B upstream port
6. Superspeed USB 5 Gbps (USB 3.2 Gen 1) Type-C downstream port with Power Charging
7. HDMI eARC/ARC port
8. HDMI 2 port
9. DisplayPort

## FEATURES AND TECHNICAL SPECIFICATIONS

## ALIENWARE 32 4K QD-OLED GAMING MONITOR



Alienware 32 4K QD-OLED Gaming Monitor	AW3225QF
Diagonal Viewing Size:	80.32 cm 31.6 Inches
Preset Display Area (H x V)	699.48 mm x 394.73 mm 27.54" x 15.54" 276,105.74 mm <sup>2</sup> (427.97 inches <sup>2</sup> )
Panel Type:	QD OLED
Display Screen Coating	Anti-reflection
Maximum Preset Resolution	3840 x 2160 at 240 Hz (DSC enabled and visually lossless)
Viewing Angle	(178° vertical / 178° horizontal)
Pixel Pitch	0.1814 mm x 0.1814 mm
Pixel Per Inch (PPI)	140
Contrast Ratio	1 million: 1 at SDR and HDR
Aspect Ratio	(16:9)
Backlight Technology	OLED
Brightness	1000 cd/m <sup>2</sup> (typical)(HDR peak)
Response Time (typical)	0.03ms (gray-to-gray min.)
Connectivity	Rear: 1x DP 1.4 (HDCP 1.4 & 2.3)(Supports up to 3840 x 2160 240 Hz, DSC, HDR); 2 x HDMI 2.1 (HDCP 1.4 & 2.3)(Supports up to 3840 x 2160 240 Hz FRL, HDR, VRR as per specified in HDMI 2.1) (including 1x HDMI 2.1 FRL with eARC - to support Dolby ATMOS signal pass-through); 1 x USB 3.2 Gen 1 (5 Gbps) Type-B upstream port; 2 x USB 3.2 Gen 1 (5 Gbps) Type-A downstream ports  Quick Access: 1 x USB 3.2 Gen 1 (5 Gbps) Type-C downstream port which supports BC1.2 power-charging; 1 x USB 3.2 Gen 1 (5 Gbps) Type-A downstream port
NVIDIA® G-SYNC® Compatible	Yes: NVIDIA® G-SYNC® Compatible Certification
AMD Free-Sync™ Premium Technology	No
VESA AdaptiveSync Display Certified	Yes: Supports VESA AdaptiveSync Display
Lighting	AlienFX Lighting
Adjustability	Height adjustable stand (110 mm); Tilt (-5° to 21°); Swivel (-20° to 20°); Pivot N/A; Built in cable-management
Dell Display Manager Compatibility	Yes
Low Blue Light	Yes, ComfortView Plus (Hardware solution)
Flicker-free	Yes
Specifications - Service / Support Details	3-Year Advanced Exchange Service and Premium Panel Exchange (Including coverage for OLED burn in)
Color Support	Color Gamut (typical): DCI-P3 99% Color Depth: 1.07 Billion colors
Height with stand (Compressed ~ Extended)	472.77 mm ~ 582.77 mm 18.61 inches ~ 22.94 inches
Width	715.56 mm 28.17"
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Height without stand	421.92 mm 16.61"
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Weight (panel only - for VESA mount)	6 kg 13.23 lb
Weight (with packaging)	14.39 kg 31.72 lb
Built-in Devices	NA
Compliant Standards	Product Safety, EMC and Environmental Datasheets Dell Regulatory Compliance Home Page Dell and the Environment
Flat Panel Mount Interface	VESA (100 mm x 100 mm)
Temperature Range	Operating: 0° to 40°C (32° to 104°F) Non-operating: -20° to 60° (-4° to 140° F)
Humidity Range	Operating: 10% to 80% (non-condensing) Non-Operating: 5% to 90% (non-condensing)
Altitude Operating	Operating: 5,000 m (16,404 ft) max Non-Operating: 12,192 m (40,000 ft) max
Voltage Required	100 VAC to 240 VAC/50 Hz or 60 Hz + 3 Hz/3 A (typical)
Power Consumption	0.3 W (Off Mode); 0.5 W (Standby Mode); 42.5 W (On Mode); 190.0 W (Max)
Energy efficiency class (A to G scale)	G
Audio Output	No
What's Included	Monitor; Stand riser and base; Power cable; HDMI 2.1 FRL cable; DisplayPort to DisplayPort 1.4 cable; USB 3.2 Gen 1 (5 Gbps) upstream cable; Microfiber cloth; Quick setup guide; Safety Information

<sup>1</sup>ComfortView Plus feature reduces blue light emission and optimizes eye comfort without compromising color accuracy. <sup>2</sup>Advanced Exchange Service: Replacement part/unit dispatched, if needed, following completion of phone/online diagnosis. Fee charged for failure to return defective unit. Availability varies. Other conditions apply. <sup>3</sup>For a copy of the Limited Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see [Dell.com/warranty](https://www.dell.com/warranty).

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# ACCESSORIES



The **Alienware Pro Keyboard** is the result of 18 months of iterative design, research, and testing between Alienware and over 100 esports professionals to create our most advanced keyboard to date: new custom Alienware Switches, 75% form factor, and hot-swappable switches.



With the **Alienware Tri-Mode Wireless Gaming Headset – AW920H**, enjoy Dolby Atmos, 40 mm drivers, Active Noise Canceling technology, and a detachable boom microphone on a comfortable wireless gaming headset that easily connects to your PC, mobile device, or gaming console.



The **Alienware Pro Mouse** is the result of 18 months of iterative design, research, and testing between Alienware and over 100 esports professionals to create our most advanced mouse to date: 4KHz/8KHz polling rate modes, ultra-lightweight at under 60g, Magnetic-Force Keyplates, and long-lasting battery life.