

# ALIENWARE 32 4K QD-OLED GAMING MONITOR AW3225QF



The world's first 4K QD-OLED gaming monitor\* has arrived. The AW3225QF delivers ultimate visual fidelity with 4K resolution, Dolby Vision, a 240Hz refresh rate, and 0.03 ms minimum response time\*, plus superb color performance.

And with HDMI 2.1 FRL, next-gen gaming consoles can reach their full visual potential.

#### Availability:

- Jan 11, 2024 (GC, NA)
- Feb 6 (RoW)

#### PRODUCT DETAILS

- **4K resolution** (3840x2160) delivers incredible detail on advanced **QD-OLED panel**
- Superb HDR performance with **Dolby Vision** and VESA DisplayHDR True Black certification
- **Infinite contrast ratio** ensures deep, inky blacks and stunning brights at peak luminance of 1000nits, all in the same scene
- **DCI-P3 99%** color coverage and **Delta E < 2 accuracy** for vivid, lifelike colors
- Up to **240Hz refresh rate** enables excellent motion clarity
- **Near-instantaneous 0.03 ms gray-to-gray min. response time\*** virtually eliminates blurring and ghosting
- **1700R curved screen** for greater eye comfort and visual immersion
- **NVIDIA G-SYNC Compatible** and **VESA AdaptiveSync** for tear-free, stutter-free visuals
- High bandwidth **HDMI 2.1 FRL** to bring out the best of next-gen game consoles: up to **4K@120Hz** via HDMI, **VRR** (variable refresh rate) support, and **ALLM** (auto low latency mode)
- **Dedicated Console Mode** implements source-based tone mapping for optimized HDR performance on game consoles
- **eARC compatibility** to connect Dolby Atmos speakers and soundbars
- Hardware-based TUV-certified **ComfortView Plus** reduces harmful low blue light for comfortable gaming sessions, without impacting color
- **Iconic, sleek design** elevates any desk space
- **3-zone AlienFX lighting** evokes premium, customizable presence on desktop
- **Adjustable stand** promotes comfort and ergonomics (height, tilt, swivel)
- **Three-year Advanced Exchange Service** warranty that includes OLED burn-in coverage

\* Based on internal analysis, Sep 2023.

\*\* 0.03ms GtG min; 0.1ms most observed at native spec. Based on Dell internal analysis, November 2023.

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# 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 Gamut (typical): DCI-P3 99% Color Depth: 1.07 Billion colors
Color Support	
Height with stand (Compressed ~ Extended)	472.77 mm ~ 582.77 mm 18.61 inches ~ 22.94 inches
Width	715.56 mm 28.17"
Depth	305.72 mm 12.04 inches
Height without stand	421.92 mm 16.61"
Width without stand	715.56 mm 28.17"
Depth without stand	106.44 mm 4.19"
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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