

# ALIENWARE 34 CURVED QD-OLED GAMING MONITOR – AW3423DWF



## OUR AWARD-WINNING QD-OLED MONITOR – NOW WITH AMD FREESYNC™ PREMIUM PRO

### INFINITELY IMMERSIVE

Quantum Dot Display Technology enables a slim panel design and delivers a superior color performance with a higher peak luminance and greater color gamut range vs WOLED (White OLED) by taking the impressive qualities of OLED (such as true blacks & infinite contrast ratio) and enhances color performance by directly converting blue light into the primary colors of red and green through a Quantum Dot pixel layer. This results in higher color uniformity, wider color coverage and increased brightness.

The monitor features an extensive cinema-grade color coverage of 99.3% DCI-P3 across a wide viewing angle, and colors are accurate out of the box with a factory calibration of Delta E<2.

Combined with 1000 nits peak brightness, infinite contrast ratio and VESA DisplayHDR TrueBlack 400 certification, you can expect incredibly realistic visuals for unforgettably immersive gaming experiences.

With TUV-certified ComfortView Plus, you can game longer, thanks to an always on, built-in low-blue light screen technology that reduces blue light emissions without impacting color accuracy.

### STUTTER-FREE SPEED

Experience ultra-low latency gameplay, support for HDR and cinematic color, plus smooth, tear-free gaming thanks to AMD FreeSync™ Premium Pro Technology and VESA AdaptiveSync Display certification.

Additionally, with the industry's fastest 0.1ms GtG (Gray to Gray) response time and up to 165Hz (native) high refresh rate, you'll experience smooth gameplay and view fast-moving graphics with incredible clarity for a fast in-game reaction time.

### IMPECCABLE DESIGN

The jaw-dropping new design features a sleek QD-OLED curved 1800R panel integrated into the iconic new Legend 2.0 ID, plus customizable RGB AlienFX lighting, 360° ventilation for better heat dissipation, improved cable management and a new centralized OSD 5-Axis joystick to make adjusting your settings easier. The height-adjustable stand with height markers and the tilt, swivel, and slant capabilities allow for easy viewing adjustment.

### FOR CRITICAL CREATING

For content creators and game developers who require precise color-critical work, the new Creator Mode feature was designed for you. This OSD menu option allows you the flexibility to choose between the native (DCI-P3) and the sRGB color space, depending on your work needs, and the ability to adjust the gamma settings.

### QUALITY ASSURANCE GUARANTEED

The new Alienware 34 Curved QD-OLED Gaming Monitor comes with improved OLED reliability and a 3-year premium warranty, including coverage for OLED burn-in, for additional peace of mind.



# FEATURES AND TECHNICAL SPECIFICATIONS

## ALIENWARE 34 CURVED QD-OLED GAMING MONITOR – AW3423DWF

VARIABLE IMAGE SIZE (diagonal)	86.82 cm (34.18")
ACTIVE DISPLAY AREA (horizontal x vertical)	800.10 mm x 337.10 mm (31.50" x 13.27") / 269,713.71 mm <sup>2</sup> (418.01 inches <sup>2</sup> )
PANEL TECHNOLOGY	Quantum Dot OLED
MAXIMUM PRE-SET RESOLUTION / REFRESH RATE	3440 x 1440 at 165Hz (Native with DP) / 3440 x 1440 at 100Hz (Native with HDMI)
DISPLAY SCREEN COATING	Anti Reflection
ASPECT RATIO	21:9
PIXEL PITCH / PIXELS PER INCH (PPI)	0.23 mm x 0.23 mm / 110 PPI
CURVED SCREEN	1800R curvature
BRIGHTNESS (typical)	250 cd/m <sup>2</sup> (typical) ; 1000 cd/m <sup>2</sup> (peak)
GAMUT (typical)	99.3% DCI-P3/ 149% sRGB
COLOR ACCURACY	Delta E<2
COLOR DEPTH	1.07 billion colors
CONTRAST RATIO (typical)	1 Million : 1
HDR SUPPORTABILITY	VESA DisplayHDR™ True Black 400
TYPICAL VIEWING ANGLES (vertical / horizontal)	178° / 178°
RESPONSE TIME (typical)	True 0.1ms gray-to-gray
BACKLIGHT	OLED
COMFORTVIEW PLUS <sup>1</sup> WITH FLICKER-FREE SCREEN	Yes
CONNECTIVITY	1 x HDMI (ver 2.0), 2 x DP (ver 1.4), 2 x SuperSpeed USB 5 Gbps (USB 3.2 Gen1) downstream port [Front bottom, one with BC1.2 charging capability at 2A (max)], 2 x SuperSpeed USB 5 Gbps (USB 3.2 Gen1) downstream port (rear), 1 X SuperSpeed USB 5 Gbps (USB 3.2 Gen1) upstream port (rear), 1X Audio line-out port (rear), 1 x Headphone-out port (bottom), Security lock slot based on Kensington Security Slot™
AMD FREE-SYNC™ PREMIUM PRO TECHNOLOGY	Yes, Supports AMD Free-Sync™ Premium Pro Technology with high refresh rate of up to 165Hz
VESA ADAPTIVESYNC DISPLAY CERTIFICATION	Yes, Supports VESA AdaptiveSync Display Certification with high refresh rate of upto 165Hz
PRESET OSD MODES	Creator, FPS, MOBA/RTS, RPG, SPORTS, PIP/PBP, Console, AlienVision and 3 customizable game modes.
STAND ADJUSTABILITY	Height adjustable stand (110 mm) and Height-markers; Tilt (-5° to 21°); Swivel (-20° to 20°); Slant (-5° to 5°)
ADDITIONAL FEATURES	Stand: Built-in cable management
ALIENFX™ LIGHTING	3 zones (Alien Head, Screen size graphic, Power button)
PRODUCT COLOR	Dark Side of Moon
VESA MOUNT COMPATIBLE	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: 10% to 90% (non-condensing)
ALTITUDE	Operating: 5,000 m (16,404 ft) max / Non-Operating: 12,192 m (40,000 ft) max
POWER AC INPUT VOLTAGE/FREQUENCY/CURRENT	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) / 34 W (On Mode) / 200 W (Max)
DIMENSIONS (HxWxD)	PANEL ONLY MONITOR HEAD WITH STAND (compressed / extended height)
	364.15 mm x 815.25 mm x 127.11mm (14.34" x 32.10" x 5.00") 415.57 mm / 525.57 mm x 815.25 mm x 305.71 mm (16.36" / 20.69" x 32.10" x 12.04")
WEIGHT	PANEL ONLY (for VESA) MONITOR AND CABLES WITH FULL PACKAGING
	6.27 kg (13.82 lbs) 14.57 kg (32.12 lbs)
COMPLIANCE STANDARDS	RoHS-compliant, Arsenic-free glass and mercury-free for the panel only, Product Safety, EMC and Environmental Datasheets, Dell Regulatory Compliance Home Page, Dell and the Environment
STANDARD SERVICE PLAN	3-Year Advanced Exchange Service and Premium Panel Exchange (Including coverage for OLED burn in)
WHAT'S INCLUDED	Monitor, Stand riser, Stand base, Cable cover, Power cable (varies by country), 1 x DisplayPort (DP to DP) cable, 1 x USB Type-C to DP cable, 1 X USB 3.2 Gen1 (5 Gbps) upstream cable, Factory calibration report, Quick Start Guide, Safety Information, Alienware Sticker, Microfiber cloth

<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. 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](http://Dell.com/warranty).