

AGON PRO



reddot winner 2023



BECOME THE
ULTIMATE

PROVEN BY
AG346UCD

QD-OLED | WQHD @ 3440 X 1440 PX | **175HZ** | 0.03MS RESPONSE TIME | **CURVED 1800R**

VESA DISPLAYHDR TRUE BLACK 400 | ADAPTIVE SYNC | **PBP/PIP**

LIGHT FX | **SNIPER SCOPE** | DARK BOOST | **LOW INPUT LAG**

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FEATURES



MAXIMIZE YOUR GAMING POTENTIAL WITH PERFECT BLACKOLED PANEL

QD-OLED harnesses the power of quantum dots to achieve unparalleled color accuracy and brightness. Unlike traditional displays, QD-OLED leverages quantum dots that emit their own light, enabling a wide range of precise colors at an exceptional contrast ratio. With blue light as its source and a QD light-emitting layer that breathes life into colors, QD-OLED achieves remarkable luminance while preserving high color purity and a wide color gamut.



QD OLED

175^{Hz}
0.03^{ms}

THE E-SPORTS PROFESSIONAL STANDARD FOR GAMING

With a 175Hz refresh rate and 0.03ms response time, your display will be equipped to perform at the pro gaming standard. Enjoy an ultra-smooth experience with no visible screen blur to ensure you're always prepped to win.



WIDE QUAD HD

EXPAND YOUR PERSPECTIVE WITH AN ULTRA WIDE VIEW IN QUAD HD

With 3440 x 1440 resolution, Wide Quad HD (WQHD) offers superior picture quality and crisp imagery that reveals every detail. The widescreen 21:9 aspect ratio is perfect for watching movies in an expansive format or immersing yourself in the latest game, plus it offers more space when it's time to work.



A UNIVERSALLY RESPECTED ANTI-TEARING SOLUTION

Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artifact-free performance at virtually any framerate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.

Optimized for Unparalleled Visual Quality

High Dynamic Range (HDR) displays deliver better contrast and color accuracy, as well as more vibrant colors, compared to Standard Dynamic Range (SDR) displays. The DisplayHDR True Black 400 variant is particularly tailored for OLED displays, representing a major advancement in visual technology. Leveraging the individual pixel dimming capability of OLED monitors, DisplayHDR True Black 400 delivers substantially deeper black levels, expanded dynamic range, and improved rise time, resulting in an incredible visual treat.

Total-Immersion Gaming

Curved Gaming Monitors deliver a totally immersive gaming experience that puts you right at the center of the unrelenting unleashed action and overwhelming fire-power. The curved screen of these precision-gaming monitors creates a "wrap-around" effect that keeps the user totally focused on the heart-pounding gameplay.

Complete immersion for true detail

Discover a deeper level of detail in your favorite photos and videos. Immerse yourself in scenes that contain both bright and dark areas. Together, true 10-bit color technology, support for DCI-P3 color spaces, and color accuracy $\Delta E < 2$, with a rich selection of connectivity, combine to deliver unprecedented motion, gaming or visual experiences.

Multitask like it was nothing

Picture-in-Picture and Picture-by-Picture empowers you to multitask like it was nothing. These feature display and fine-tune content from different PCs sources onto your screen at once, making it much easier to work on multiple projects at the same time.

Low Input lag

Unleash your reflexes by switching to AOC Low Input Lag mode. Forget graphical frills: this mode rewrites the monitor in favor of raw response time, giving you the ultimate edge in a hair-trigger standoff.

Connectable with other devices

This AOC monitor provides convenient connectivity options, with both HDMI and DisplayPort support to suit both professionals and home users. HDMI represents the leading digital video, audio, and data interface for high speed connections between ultra high-definition displays and a wide range of consumer electronics, including providing support for modern gaming consoles and PCs. DisplayPort allows for a range of devices to quickly and easily connect to your screen, delivering higher resolution, faster refresh rate and video transmissions free from input lag.

SPECIFICATIONS

Model Name	AG346UCD
Panel	34" (QD-OLED 1800R)
Pixel Pitch (mm)	0.2315 (H) × 0.2315 (V)
Effective Viewing Area (mm)	800.6 (H) × 337.06 (V)
Brightness (typical)	250cd/m ² (100% APL), 450 cd/m ² (Typ.) (10% APL) 1000 cd/m ² (Typ.) (HDR 3% APL)
Contrast Ratio	1,500,000 : 1
Response Time	0.03ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	sRGB 100% (CIE1931) / DCI-P3 99% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	3440 × 1440 @ 175Hz – DisplayPort1.4 3440 × 1440 @ 100Hz – HDMI2.0
Display Colors	1.07 Billion
Signal Input	HDMI 2.0 × 2, DisplayPort 1.4 × 1
HDCP Version	HDMI: 2.2 / DisplayPort: 2.2
USB Hub	USB 3.2 Gen1 × 3
Power Supply	Internal 100 - 240V ~ 2.5A, 50 / 60Hz
Power Consumption (typical)	100W
Speakers	8W × 2
Line in & Earphone	Earphone × 1
Wall-Mount	100mm × 100mm
Adjustable Stand	Height: 150mm, Swivel: -16° ~ 16°, Tilt: -5° ~ 23°
Product without Stand (mm)	361.2(H) × 811.7 (W) × 130.2 (D)
Product with Stand (mm)	421.5-551.2 (H) × 811.7 (W) × 294.3 (D)
Packaging (mm)	470 (H) × 930 (W) × 226 (D)
Product without Stand (kg)	7.65
Product with Stand (kg)	10.82
Product with Packaging (kg)	14.15
Cabinet Color	Black & Red
Regulatory Approvals	RCM / MEPS / CE / CB / FCC BSMI / KC / KCC / e-Standby / RoHS

* To enable WQHD@175Hz, a graphics card which supporting DSC must be used. Please visit the graphics card manufacturer's website for DSC support.

