

AGON PRO



reddot winner 2023



BECOME THE
ULTIMATE

PROVEN BY
AG456UCZD

OLED | WQHD @ 3440 X 1440 PX | **240HZ** | 0.03MS RESPONSE TIME | **CURVED 800R**
HDR10 | 10bits, 98.5% DCI-P3, $\Delta E < 2$ | ADAPTIVE SYNC | PBP/PIP | LIGHT FX | **LOW BLUE MODE**
SNIPER SCOPE | DYNAMIC DIALPOINT | **Remote Control**

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AOC

FEATURES



MAXIMIZE YOUR GAMING POTENTIAL WITH PERFECT BLACKOLED PANEL

Unleash your gaming potential with the perfect deep black. The OLED display allows you to sit at home and immerse yourself in the fantasy-like game world. Even in the darkest environment, it can create highly detailed images for you. OLED "organic light-emitting diodes" can create pure and deep blacks, presenting a near-infinite contrast ratio while providing purer colors, making the picture more realistic. And through faster reaction time, smoother images, and better immersion, players can enjoy an immersive gaming experience.

*. the OLED panel has already got the TÜV Eye comfort certificate and the UL Flicker Free & Low Blue Light certificates



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.



Illuminate your visuals

Enjoy an immersive visual experience with HDR 10, the industry-standard high dynamic range for delivering a rich palette of colors, brightness, and contrast that far exceeds the capabilities of ordinary monitors, engaging your senses and creatively inspiring you.



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.



Flash your colors

AOC Light FX offers an immersive gaming experience by emitting ambient light during gameplay. Choose 14 default modes or customise the technology to flash team colors at e-sport events. Furthermore, you can even pulse colors along to music.



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 rewires 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.

240Hz
0.03ms

THE E-SPORTS PROFESSIONAL STANDARD FOR GAMING

With a 240Hz 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.



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.

SPECIFICATIONS

Model Name	AG456UCZD
Panel	44.5" (OLED 800R)
Pixel Pitch (mm)	0.303 (H) × 0.303 (V)
Effective Viewing Area (mm)	1042.66 (H) × 436.46 (V)
Brightness (typical)	200cd/m ² (100% APL), 450 cd/m ² (Typ.) (25% APL) 1000 cd/m ² (Typ.) (HDR 3% APL)
Contrast Ratio	150,000 : 1 (100%APL) / 1,500,000 : 1 (25% APL)
Response Time	0.03ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	sRGB 100% (CIE1931) / DCI-P3 98.5% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	3440 × 1440 @ 240Hz – DisplayPort1.4, USB-C 3440 × 1440 @ 100Hz – HDMI2.0
Display Colors	1.07 Billion
Signal Input	HDMI 2.0 × 2, DisplayPort 1.4 × 1 USB-C(PD 90W) × 1
HDCP Version	HDMI: 2.2 / DisplayPort: 2.2
USB Hub	USB 3.2 Gen1 × 4
Power Supply	Internal 100 - 240V ~ 3.5A, 50 / 60Hz
Power Consumption (typical)	107W
Speakers	8W × 2
Line in & Earphone	Earphone × 1
Wall-Mount	100mm × 100mm
Adjustable Stand	Height: 100mm, Swivel: -15° ~ 15°, Tilt: -5° ~ 15°
Product without Stand (mm)	457 (H) × 992.2 (W) × 219.8 (D)
Product with Stand (mm)	509~609 (H) × 992.2 (W) × 359.2 (D)
Packaging (mm)	400 (H) × 1130 (W) × 578 (D)
Product without Stand (kg)	11.35
Product with Stand (kg)	13.35
Product with Packaging (kg)	19.21
Cabinet Color	Black & Grey
Regulatory Approvals	CE / FCC / BSMI / KC / KCC / e-Standby

* To enable WQHD@240Hz, a graphics card which supporting DSC must be used. Please visit the graphics card manufacturer's website for DSC support.

