AGON
PRO

reddot winner 2023

BECOME THE
ULTIMATE

PROVEN BY
AG276QZD2

QD-OLED | QHD @ 2560 X 1440 | **240HZ** | 0.03MS PIXEL RESPONSE TIME

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

SNIPER SCOPE | DYNAMIC DIALPOINT | **HAS** | GREEN PACKAGE

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AOC

FEATURES

THE PINNACLE OF DISPLAY INNOVATION

QD OLED

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

no QD OLED

THE E-SPORTS PROFESSIONAL STANDARD FOR GAMING

240Hz 0.03ms

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.

SUPERIOR HIGH QUALITY VIEWING

QHD QUAD HD

Quad HD (2560 x 1440) resolution allows you to view more an incredible amount of detail, resulting in visuals that are crisp and vivid. Whether editing photos, videos, or watching movies, Quad HD gives you clarity and quality.

A UNIVERSALLY RESPECTED ANTI-TEARING SOLUTION

ADAPTIVE SYNC

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

DisplayHDR

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.

Complete immersion for true detail

10-bit COLOR

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 ΔE<2, with a rich selection of connectivity, combine to deliver unprecedented motion, gaming or visual experiences.

Flash your colors

LIGHT FX

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 PICTURE-BY-PICTURE

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.

Flicker Free

FLICKER FREE

OLED panels have been certified as flicker-free by UL. Which provide a more comfortable and healthier viewing experience, minimizing the effects of eye fatigue during long, intense gaming sessions!

Low Input lag

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.

SPECIFICATIONS

Model Name	AG276QZD2
Panel	26.5" (QD-OLED)
Pixel Pitch (mm)	0.2292 (H) × 0.2292 (V)
Effective Viewing Area (mm)	590.42 (H) × 333.72 (V)
Brightness (typical)	250 cd/m² (100% APL) / 450 cd/m²(Typ.) (10% APL)
	1000 cd/m²(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 98.5% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	2560 × 1440 @ 240Hz − DisplayPort1.4
	2560 × 1440 @ 144Hz − HDMI2.0
Display Colors	1.07 Billion
Signal Input	HDMI 2.0 × 2, DisplayPort 1.4 × 2
HDCP Version	HDMI: 2.2 / DisplayPort: 2.2
USB Hub	USB 3.2 Gen1 × 2
Power Supply	19.5VDC, 6.93A
Power Consumption (typical)	75W
Speakers	5W × 2
Line in & Earphone	Earphone × 1
Wall-Mount	100mm × 100mm
Adjustable Stand	Height: 130mm, Pivot: -90° ~ 90°,
	Swivel: -30° ~ 30°, Tilt: -5° ~ 23°
Product without Stand (mm)	350.6 (H) × 609.3 (W) × 74.4 (D)
Product with Stand (mm)	395.6~526.6 (H) × 609.3 (W) × 240.0 (D)
Packaging (mm)	480 (H) × 730 (W) × 188 (D)
Product without Stand (kg)	5.20
Product with Stand (kg)	6.70
Product with Packaging (kg)	10.35
Cabinet Color	Black & Grey
Regulatory Approvals	CE / FCC / RoHS

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