

AOC
GAMING



ONLY FOR THE
TRUE VALIANT

EXPLORED BY
U32G4ZMN

4K UHD @ 3840 X 2160 PX | MINI-LED 1152ZONES | **240HZ** | 1MS RESPONSIVE TIME | **FAST VA**
ADAPTIVE SYNC | **DISPLAY HDR1000** | QUANTUM DOT | **LOW INPUT LAG** | GAME MODE
SNIPER SCOPE | DIAL POINT | **PIP/PBP** | HDMI 2.1 | **DISPLAYPORT** | HAS

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► Features



Brilliant visuals with ultra detailed pictures

4K Ultra High-Definition (3840 x 2160) resolution delivers ultra-crisp picture quality and allows users to see more on the screen at one time. This provides more screen 'real estate' and also shows more detail for sharper and more brilliant images. Whether working on the next beautiful photo, design, or even just used for productivity, users will marvel at the true, crisp image that only a UHD display can provide.



Connecting your eyes with your hands

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.



Protect your eyes from screen flicker

Flicker-free technology reduces flicker to give you a more comfortable gaming experience. Normal LED-backlit monitors adjust brightness using PWM (Pulse Width Modulation) which causes flickering and results in eye discomfort over long periods of time. AOC flicker-free technology uses a DC (Direct Current) backlight system to provide a more comfortable and healthier viewing experience, minimizing the effects of eye fatigue during work hours.



Reducing shortwave blue light output for healthier eyes

AOC Low Blue Mode setting ensures a more healthy viewing experience for prolonged computer use without compromising the naturally vivid colors of the display.



Greater backlighting accuracy and ultra-high contrast

Mini-LED technology delivers enhanced brightness and ultra-high contrast ratio with deeper blacks and brighter whites, while unique dimming zones provide precise backlight control to eliminate "halo" effect. The result is astonishing levels of detail and depth and more accurate color reproduction than traditional monitors.



HDMI 2.1 expands the limits of possibility

HDMI 2.1 brings faster and variable refresh rates and amazing 48Gbps transmission bandwidth, for reduced or eliminated lag, stutter and frame tearing, plus higher resolution, higher frame rates, and smooth, fluid and detailed up to 4K120Hz gaming experience.



The e-sports professional standard for gaming

With a 240Hz refresh rate and 1ms 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.



Immerse yourself in a world of deeper blacks and high contrast

Experience the visuals like never before with Fast VA monitor. Its deep blacks and high contrast ratios make the visuals pop, especially in darker game scenes. With its fast response times, the action remains fluid and clear, even during the most intense gameplay, leaving you impressed and satisfied.



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.



Universal respected standard for display visual

VESA-certified DisplayHDR 1000 delivers a dramatically different visual experience. Unlike other 'HDR compatible' screens, true DisplayHDR 1000 produces astonishing brightness, contrast and colors. With the help of local dimming and super high peak brightness up-to 1200 nits, images come to life with advanced highlights featuring deeper, more nuanced blacks. It renders a fuller palette of rich new colors, delivering a visual experience that engages your senses.



Dominate the battlefield with precision and speed

With our revolutionary technology, swiftly eliminate your adversaries before they even know what hit them. Our advanced Sniper Scope offers multi-stage zooming for unparalleled accuracy. Plus, our adaptable screen ensures seamless operation, transforming any weapon into a long-range sniper rifle capable of striking enemies from afar. Take control of the game like never before!

► Specifications

Model Name	U32G4ZMN
Panel	31.5" (FastVA with Quantum Dot)
Pixel Pitch (mm)	0.18159 (H) × 0.18159 (V)
Effective Viewing Area (mm)	697.305 (H) × 392.2344 (V)
Brightness (typical)	450 cd/m ² (SDR) / 1200 cd/m ² (HDR Peak)
Contrast Ratio	3000 : 1 (Typical) 80 Million : 1
Response Time	1ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 115% (CIE1976) / sRGB 143% (CIE1931) DCI-P3 105% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	3840 × 2160 @ 240Hz – DisplayPort1.4+DSC, HDMI2.1
Display Colors	1.07 Billion
Signal Input	HDMI 2.1 × 2, DisplayPort 1.4 × 1
HDCP Version	HDMI: 2.2 / DisplayPort: 2.2
USB Hub	USB 3.2 Gen1 × 3
Power Supply	100 - 240V ~1.5A, 50 / 60Hz
Power Consumption (typical)	70W
Speakers	No
Line in & Earphone	Earphone
Wall-Mount	100mm x 100mm
Adjustable Stand	Height: 130mm, Swivel: -15° ~ 15°, Pivot: -90° ~ 90°, Tilt: -5° ~ 23°
Product without Stand (mm)	428.0 (H) × 714.1 (W) × 77 (D)
Product with Stand (mm)	461.5-591.5 (H) × 714.3 (W) × 269.6 (D)
Packaging (mm)	527(H) × 980 (W) × 226 (D)
Product without Stand (kg)	8.0
Product with Stand (kg)	10.5
Product with Packaging (kg)	13.92
Cabinet Color	Black & Red
Regulatory Approvals	CE / CB / FCC / RoHS