

**AOC**  
GAMING



DISCOVER  
**YOUR DESTINY**

EXPLORED WITH  
**U27G3X**

**UHD @ 3840 X 2160 PX** | ADAPTIVESYNC | **160HZ** | 1MS RESPONSE TIME  
**DisplayHDR 400** | LOW INPUT LAG | **HDMI2.1**  
**DISPLAYPORT1.4** | **FAST IPS** | ADJUSTABLE STAND | **ANTI-BLUE LIGHT**

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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.



## 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.



## The e-sports professional standard for gaming

With a 160Hz refresh rate and 1ms response time, your display will be equipped to perform at the programming standard. Enjoy an ultra-smooth experience with no visible screen blur to ensure you're always prepped to win.



## Rule the Competition with Fast IPS

Fast IPS annihilates the competition with a speed 4x faster than conventional IPS. Guaranteeing you true 1ms (GTG) response times and captivating visual quality, raise your gaming performance to the next level!



## Universal respected standard for display visual

VESA-certified DisplayHDR 400 delivers a significant step-up from normal SDR displays. Unlike other 'HDR compatible' screens, true DisplayHDR 400 produces astonishing brightness, contrast and colors. With global dimming and peak brightness up-to 400 nits, images come to life with notable highlights while featuring deeper, more nuanced blacks. It renders a fuller palette of rich new colors, delivering a visual experience that engages your senses.



## 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.



## Experience more immersive and vivid gameplay

With AOC Game Color, you can adjust color saturation and grey levels across multiple levels of detail for a better game experience. Delight in more vivid MMORPG scenes, more intense FPS action, and better MOBA character details.



## Your custom built-in crosshair

The DialPoint feature provides selectable custom crosshair options, helping gamers to play First-Person Shooter (FPS) games with more accurate and precise aiming.



## Optimize your game settings

Enhances color and sharpness for different game styles. Six modes to select: FPS, Racing, RTS, Gamer1, Gamer2, Gamer3 and Off.



## Contrast and clarity in one

Bring the battle out of the shadows with Shadow Control! Brighten dark areas or sink them back into blackness on the fly, without affecting the rest of the display.



## See more and see it clearer

Break away from the shackles of bezels with AOC's 3-Sided Frameless Design monitors. This virtually frameless monitor has extremely narrow bezel around a stunning screen. When used as part of a multi-monitor setup it offers a near-seamless and elegant transition between screens. Beauty, form, and function. Isn't it time you broke free from your bezels?



## 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 frameteaming, plus higher resolution, higher frame rates, and smooth, fluid and detailed up to 4K120Hz gaming experience.

# ► Specifications

Model Name	U27G3X
Panel	27" (IPS)
Pixel Pitch (mm)	0.15525 (H) × 0.15525 (V)
Effective Viewing Area (mm)	596.16 (H) × 335.34 (V)
Aspect Ratio	16 : 9
Brightness	400 cd/m <sup>2</sup> (SDR) / 450 cd/m <sup>2</sup> (HDR)
Contrast Ratio	1000 : 1 (Typical) 80 Million : 1 (DCR)
Response Time	1ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 107% (CIE1976) / sRGB 126% (CIE1931) DCI-P3 98% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	3840 × 2160 @ 144Hz - HDMI2.1 3840 × 2160 @ 160Hz - DisplayPort1.4+DSC
Display Colors	1.07 Billion
Signal Input	HDMI 2.1 × 2 / DisplayPort 1.4 × 2
HDCP Version	HDMI: 2.2 / DisplayPort: 2.2
USB Hub	no
Power Supply	100 - 240V ~ 1.5A, 50 / 60Hz
Power Consumption (typical)	32W
Speakers	no
Line in & Earphone	Earphone
Wall-Mount	100mm x 100mm
Adjustable Stand	Height: 130mm, Pivot: -90°~90° Swivel: -30°~30°, Tilt: -5°~23°
Product without Stand (mm)	366.3 (H) × 613.9 (W) × 52 (D)
Product with Stand (mm)	414.6~544.6 (H) × 613.9 (W) × 258.8 (D)
Packaging (mm)	485 (H) × 805 (W) × 162 (D)
Product without Stand (kg)	3.88
Product with Stand (kg)	5.23
Product with Packaging	7.42
Cabinet Color	Black & Red
Regulatory Approvals	CE / CB / FCC

Design and Specifications are subject to change without notice.



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