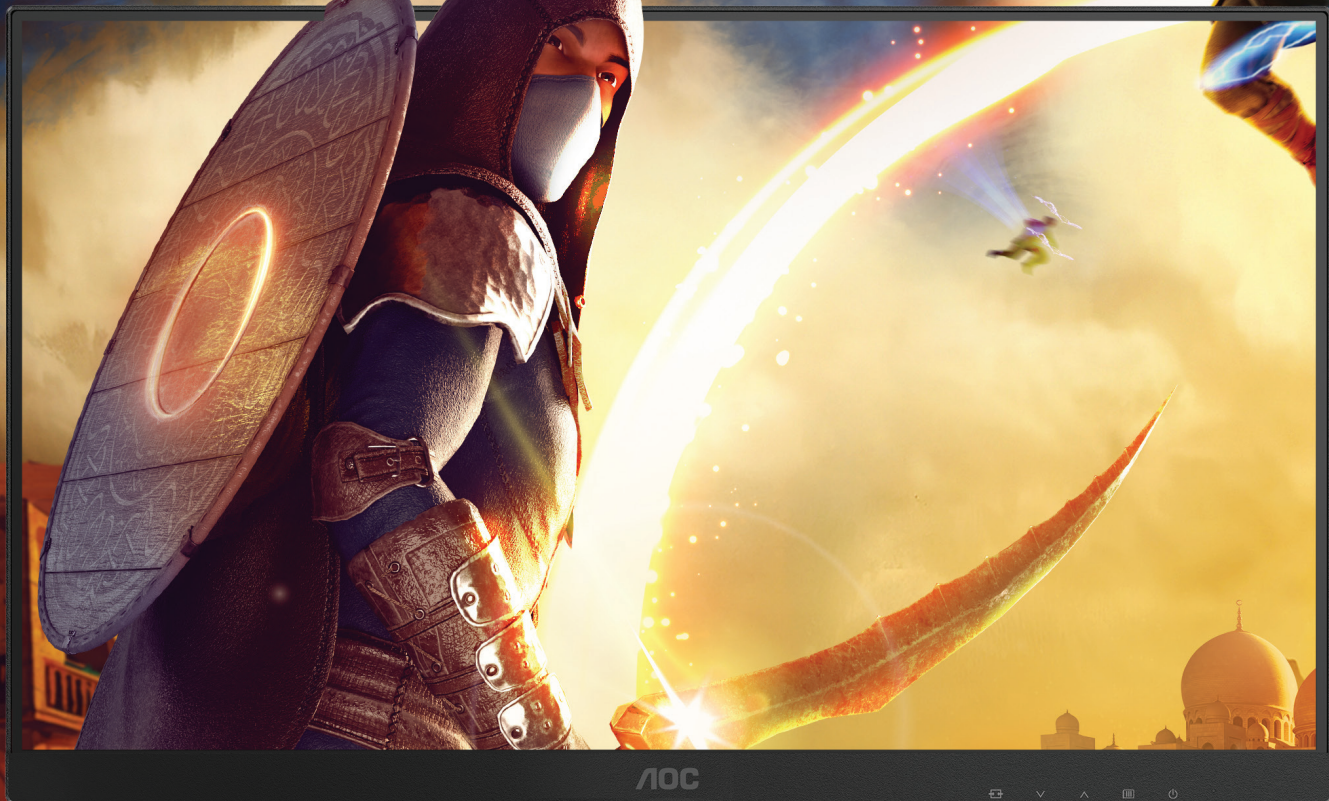


AOC GAMING



ONLY FOR THE
TRUE VALIANT

EXPLORED BY
U27G42

160HZ | 0.5MS MPRT | UHD @3840 X 2160 | **LOW INPUT LAG** | HDR400 | **ADAPTIVE SYNC**
3-SIDED FRAMELESS | **FLICKER FREE** | LOW BLUE MODE | **GAMING MODE** | SHADOW CONTROL
GAME COLOR | DIAL POINT | **SNIPER SCOPE** | MBR SYNC | **DARK BOOST** | PIP/PBP

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AOC

Features



The e-sports professional standard for gaming

With a 160Hz refresh rate and 0.5ms 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.



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.



DisplayHDR™ 400 for more lifelike colorful visuals

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 450 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.



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!



Elevating your gaming experience

Experience seamless gameplay with our innovative MBR Sync technology. By combining MPRT with Adaptive Sync, we've revolutionized your gaming visuals, banishing motion blur and ghosting from your screen. Enjoy crisp, lightning-fast graphics that remain consistently sharp, even during intense gameplay sessions and at high frame rates. Say goodbye to distractions and hello to unparalleled gaming immersion.



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.



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?



Bring the battle out of the shadows

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.



Adjustable color saturation for better gray levels and finer picture detail

AOC GameColor can be set between levels 0-20 in order to adjust color level for better picture details.



Optimize your game settings

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



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.



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.



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	U27G42
Panel	27" (Fast IPS)
Pixel Pitch (mm)	0.15525(H) × 0.15525 (V)
Effective Viewing Area (mm)	596.16 (H) × 335.34 (V)
Brightness (typical)	350 cd/m ² (SDR) / 450cd/m ² (Center Peak for HDR)
Contrast Ratio	1000:1
Response Time	0.5ms MPRT / 1ms GtG
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 109% (CIE1976) / sRGB 129% (CIE1931) / DCI-P3 100% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	3840 × 2160 @ 160Hz – DisplayPort1.4, HDMI2.1(DSC)
Display Colors	1.07Billion
Signal Input	HDMI 2.1 × 2, DisplayPort 1.4 × 1
HDCP Version	HDMI: 2.2 / DisplayPort: 2.2
USB Hub	No
Power Supply	Internal 100 - 240V~1.5A, 50 / 60Hz
Power Consumption (typical)	37W
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) × 51.3 (D)
Product with Stand (mm)	386.0~516.0 (H) × 613.9 (W) × 239.9 (D)
Packaging (mm)	481 (H) × 820 (W) × 162 (D)
Product without Stand (kg)	4.15
Product with Stand (kg)	5.61
Product with Packaging (kg)	8.38
Cabinet Color	Black & Red
Regulatory Approvals	BSMI / KC / KCC / e-Standby RCM / MEPS / CE / CB / FCC / RoHS

Design and Specifications are subject to change without notice.

