



AOC
GAMING



ONLY FOR THE
TRUE VALIANT

EXPLORED BY
U27G4XM

FAST IPS | LOCAL DIMMING 1152ZONE | **DUAL MODE (4K @ 160 HZ OR FHD @ 320 HZ)** | ADAPTIVE SYNC
VESA DISPLAYHDR™1000 | 1MS GTG | **LOW INPUT LAG** | GAMING MODE | **GAME COLOR** | SNIPER SCOPE
DIAL POINT | MBR | **SHADOW CONTROL** | DARK BOOST | **SHARPNESS** | FRAME COUNTER
6-AXIS SATURATE /HUE | FLICKER FREE | **LOW BLUE MODE** | PBP/PIP | **HAS** | GREEN PACKAGING

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► Features



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 1152 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.



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!



The e-sports professional standard for gaming

With a 4K @ 160 Hz or FHD @ 320 Hz refresh rate, 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.



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.



4K Ultra High-Definition (UHD) 3840 x 2160 resolution

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.



Unleash the full potential of your graphics card

Competitive and intense gaming demands the best technology to ensure lag-free, smooth game-flow. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making them difficult targets to hit. With 320Hz frame rate, you get those critical missing images on the screen which shows enemy movement in ultra-smooth motion so that you can easily target them. You won't have to put up with input lag and screen tearing with this AOC gaming display.



DisplayHDR™ 1000 for outstanding visuals

Vesa Certified DisplayHDR™ 1000 delivers a significant step-up from normal SDR displays. Unlike, other 'HDR compatible' screens, true DisplayHDR™ 1000 produces astonishing brightness, contrast and colors. With global dimming and peak brightness up-to 1200 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.



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.



Sleek design with height adjustability

We all know practice sessions can last all night. Therefore, the right ergonomics and customisation to suit your needs are crucial. With the height adjustable stand and a pivot and tilt function of the display, you can always maintain a healthy and comfortable posture.

► Specifications

Model Name	U27G4XM
Panel	27" (Fast IPS LCD with Quantum Dot)
Pixel Pitch (mm)	0.1554(H) × 0.1554 (V)
Effective Viewing Area (mm)	596.736 (H) × 335.664 (V)
Brightness (typical)	450 cd/m ²
Contrast Ratio	1000:1 (Typical) MEGA DCR
Response Time	1ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 129% (CIE1976) / sRGB 151% (CIE1931) DCI-P3 118% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	3840 × 2160 @ 160Hz-DisplayPort1.4, HDMI2.1 1920 × 1080 @ 320Hz-DisplayPort1.4, 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 × 4
Power Supply	Internal 100 - 240V~1.5A, 50 / 60Hz
Power Consumption (typical)	45W
Speakers	No
Line in & Earphone	Earphone
Wall-Mount	100mm x 100mm
Adjustable Stand	Height: 130mm, Swivel: -20° ~ 20°, Pivot: -90°~ 90°, Tilt: -5° ~ 23°
Product without Stand (mm)	366.4 (H) × 614.0 (W) × 59.4 (D)
Product with Stand (mm)	386.6~516.6 (H) × 614.0 (W) × 240.0 (D)
Packaging (mm)	481 (H) × 820 (W) × 159 (D)
Product without Stand (kg)	5.6
Product with Stand (kg)	7.1
Product with Packaging (kg)	10.30
Cabinet Color	Black & Red
Regulatory Approvals	CE / CB / FCC / RoHS