

**AOC**  
GAMING



DISCOVER  
**YOUR DESTINY**

EXPLORED BY  
**Q27G3XMN**

**MINI-LED** | QHD @ 2560 X 1440 PX | **ADAPTIVE SYNC** | 180HZ | **1MS RESPONSE TIME**  
**VESA DISPLAYHDR™ 1000** | VA WIDE VIEW ANGLE | **QUANTUM DOT** | 3 SIDED FRAMELESS DESIGN  
**HDMI 2.0** | **DISPLAYPORT 1.4** | **FLICKER FREE**

[www.aoc.com](http://www.aoc.com)

**AOC**

## ► 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 336 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.



### Superior high quality viewing

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

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 180Hz 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.



### 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 1000 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.



### Experience Colours with Brilliant Radiance

Supporting a range of sRGB 134%, Quantum Dot Technology utilizes semiconducting nanocrystals that emit and absorb light precisely to generate an absolutely stunning array of vibrant and dynamic colours. Enjoy perfectly crisp visuals with the most accurate and realistic colour reproduction.



### 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?



### 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 long, intense gaming sessions!



### 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	Q27G3XMN
Panel	27" (VA)
Pixel Pitch (mm)	0.2331 (H) × 0.2331 (V)
Effective Viewing Area (mm)	596.736 (H) × 335.664 (V)
Brightness (typical)	450 cd/m <sup>2</sup>
Contrast Ratio	4000 : 1 (Typical) 80 Million : 1 (DCR)
Response Time	1ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 113% (CIE1976) / sRGB 134% (CIE1931) / DCI-P3 103% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	2560 × 1440 @ 180Hz – DisplayPort1.4 2560 × 1440 @ 144Hz – HDMI2.0
Display Colors	1.07 Billion
Signal Input	HDMI 2.0 × 2, DisplayPort 1.4 × 1
HDCP Version	HDMI: 2.2, DisplayPort: 2.2
USB Hub	no
Power Supply	100 - 240V ~1.5A, 50 / 60Hz
Power Consumption (typical)	54W
Speakers	no
Line in & Earphone	Earphone
Wall-Mount	100mm x 100mm
Adjustable Stand	Height: 130mm, Swivel: -30° ~ 30°, Pivot: -90° ~ 90°, Tilt: -5° ~ 23°
Product without Stand (mm)	365.6 (H) × 614.4 (W) × 71.8 (D)
Product with Stand (mm)	403.3-533.3 (H) × 614.4 (W) × 302.6 (D)
Packaging (mm)	480 (H) × 805 (W) × 162 (D)
Product without Stand (kg)	5.43
Product with Stand (kg)	7.06
Product with Packaging (kg)	9.16
Cabinet Color	Black & Red
Regulatory Approvals	CE / CB / FCC / TÜV Flicker Free Certificate