

# AOC



## G Line 2<sup>nd</sup> Gen

27" Curved Gaming Monitor

- FreeSync Premium tear-free immersion
- 144Hz Refresh Rate
- 1ms Response Time
- Curved 1500R, QHD VA Panel
- HDR Mode



AMD  
FreeSync  
Premium

144Hz

1ms

QHD  
QUAD HD

HDR  
MODE

CURVED MONITOR

VA PANEL

ADJUSTABLE  
STAND

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

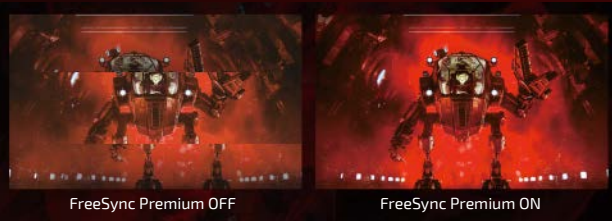
vision at Heart

## ► Features



### FreeSync Premium delivers ultra-smooth tear-free gaming

Screen tearing and stuttering doesn't only harm gaming performance, it also destroys immersion. AMD FreeSync Premium addresses this by keeping your monitor's refresh rate synced with your processor's. This technology works best on 120Hz and above refresh rates on higher resolution screens, while also supporting low framerate compensation features.



### The e-sports professional standard for gaming

With a 144Hz 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.



### Superior high quality viewing

At 2560 x 1440 resolution, Quad HD (QHD) offers superior picture quality, sharper images and finer details, without changing the screen shape, so Full HD videos will still fill the whole screen.



### HDR mode visual enhancement

Through a combination of advanced algorithmic functions, the HDR Mode essentially transforms non-HDR content into HDR-like visuals via 3 different modes. By enhancing RGBCMY color for more vivid images (via improved saturation and range), increasing dynamic contrast for clarity and image sharpness, the HDR mode ensures you can experience HDR visuals when viewing standard quality content.



### Delivering immersion and eye comfort

Curved screens offer a more immersive user experience that puts you at the center of the action. By mimicking the curvature of the eye, it is also less straining to track movement around the screen. The screen's deeper-than-average curvature provides a more engaging experience and allow you to enjoy beautiful visuals from almost any angle.



### Engineered for better visual experiences

The screen's VA panel delivers superior consistency in color temperature, wide viewing angles, and crisp contrast to ensure excellent image reproduction. Enjoy lifelike picture quality from every perspective.



### Connecting your eyes with your hands

Low input lag streamlines the user-to-monitor input process. This technology provides much faster motion delivery, so you'll always be up-to-speed with in-game action at just the right time.



### Protect your eyes from screen flicker

Flicker Free technology uses a smooth backlight system to prevent monitor flickering. This reduces eye strain and other damaging effects to your eyes – an especially valuable feature when working overtime, gaming for long hours or watching movies.



### Reducing shortwave blue light output for healthier eyes

Long exposure to short wavelength blue light may cause eye strain, sleep disorders, or headaches. AOC Low Blue Mode puts the user first by reducing the screen's short wavelength blue light emission without sacrificing color accuracy. Also provides four different filtering modes – reading, web browsing, multimedia, and office.



### An ergonomic design

This monitor is ergonomically designed to offer swivel, tilt, and height adjustment. Enjoy the perfect viewing angle and sit comfortably, all the time.



### Connectable with other devices

HDMI compatibility unlocks a wider array of connectivity options for users, including gaming consoles, laptops, Blu-Ray players, and more. DisplayPort is the main PC-to-monitor connection format in the industry, with better refresh rates and the ability to transmit good quality audio in addition to visual data.

## ► Specifications

Model Name	CQ27G2
Panel	27" (VA / 1500R)
Pixel Pitch (mm)	0.2331 (H) x 0.2331 (V)
Effective Viewing Area (mm)	596.736 (H) x 335.664 (V)
Brightness (typical)	250 cd/m <sup>2</sup>
Contrast Ratio	3000 : 1 (Typical) 80 Million : 1 (DCR)
Response Time	1ms (MPRT)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 100% (CIE1976) / sRGB 120% (CIE1931) / DCI-P3 92% (CIE1976)
Optimum Resolution	2560 x 1440 @ 144Hz – DisplayPort 1.2, HDMI 2.0
Display Colors	16.7 Million
Signal Input	HDMI 2.0 x 2, DisplayPort 1.2 x 1
HDCP Version	HDMI: 2.2, DisplayPort: 2.2
USB Hub	no
Power Supply	100 - 240V ~ 1.5A, 50 / 60Hz
Power Consumption (typical)	28W
Speakers	no
Wall-Mount	100mm x 100mm
Adjustable Stand	Height: 130mm, Swivel: -30° ~ 30°, Tilt: -5° ~ 23°
Product without Stand (mm)	367.33 (H) x 612.37 (W) x 73.16 (D)
Product with Stand (mm)	395.9-528.6 (H) x 612.37 (W) x 227.4 (D)
Product without Stand (kg)	4.1
Product with Stand (kg)	5.4
Cabinet Color	Black & Red
Regulatory Approvals	RCM / MEPS / CE / CB / FCC