

**AOC**  
GAMING



ONLY FOR THE  
**TRUE VALIANT**

POWERED BY  
**CQ27G4ZH**

**FAST VA** | 300HZ | **ADAPTIVE SYNC** | HDR10 | **1500R** | 0.3MS MPRT | **LOW INPUT LAG**  
GAMING MODE | **GAME COLOR** | SNIPER SCOPE | **MBR** | SHADOW CONTROL | **DARK BOOST**  
HDMI 2.1 | **FLICKER FREE** | LOW BLUE MODE | **HAS** | G-MENU

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

**AOC**

# ► Features

**300Hz**  
**0.3ms**

## Become a Gaming-Optimized Weapon for your Team with 300Hz and 0.3ms

With 300Hz monitors being the standard in professional e-sport tournaments and competitions, embrace team solidarity and enjoy an ultra-smooth experience with the incredible responsive of 300Hz and 0.3ms, honing your sharpness and gaming abilities to the next level, especially where optimal team collaboration is required.

**FAST VA**

## Immerse yourself in a world of deeper blacks and high contrast

Experience the visuals like never before with Fast VA monitor. Its deep blacks and high contrast ratios make the visuals pop, especially in darker game scenes. With its fast response times, the action remains fluid and clear, even during the most intense gameplay, leaving you impressed and satisfied.



**LOW INPUT LAG**

## 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.

**HDR10**  
HIGH DYNAMIC RANGE

## Illuminate your visuals

Enjoy an immersive visual experience with HDR10, the industry-standard high dynamic range for delivering a rich palette of colors, brightness, and contrast that far exceeds the capabilities of ordinary monitors, engaging your senses and creatively inspiring you.



**MOTION BLUR REDUCTION**

## Elevating your gaming experience

Motion Blur Reduction (MBR) backlights reduce blurring and ghosting in fast-moving images so you can enjoy better motion clarity and crisper on-screen movement.

**ADAPTIVE SYNC**

## 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.

**3 SIDED FRAMELESS**

## See more and see it clearer

Break away from the shackles of bezels with AOC's 3-Sided Frameless Design monitors. This virtually bezelless 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?

**GAME MODE**

## Optimize your game settings

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

**FLICKER FREE**

## 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.

**LOW BLUE MODE**

## 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.

**HDMI**  
DIGITAL VIDEO INTERFACE

## 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	CQ27G4ZH
Panel	27" (VA 1500R)
Pixel Pitch (mm)	0.2331 (H) × 0.2331 (V)
Effective Viewing Area (mm)	596.736 (H) × 335.664 (V)
Brightness (typical)	300cd/m <sup>2</sup>
Contrast Ratio	5000 : 1
Response Time	0.3ms (MPRT) / 1ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 113% (CIE1976) / sRGB 126% (CIE1931) DCI-P3 103% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	2560 × 1440 @ 300Hz -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	No
Power Supply	Internal 100 - 240V ~ 1.5A, 50 / 60Hz
Power Consumption (typical)	35W
Speakers	No
Line in & Earphone	Earphone
Wall-Mount	100mm × 100mm
Adjustable Stand	Height: 120mm, Swivel: -30° ~ 30° Tilt: -5° ~ 23°
Product without Stand (mm)	367.64 (H) × 611.52 (W) × 78.68 (D)
Product with Stand (mm)	396.4~516.4 (H) × 611.52 (W) × 239.4 (D)
Packaging (mm)	480 (H) × 840 (W) × 188 (D)
Product without Stand (kg)	4.09
Product with Stand (kg)	5.55
Product with Packaging (kg)	8.75
Cabinet Color	Black & Red
Regulatory Approvals	RoHS / BSMI / KC / KCC / e-Standby / RCM / MEPS / CE / CB / FCC

Design and Specifications are subject to change without notice.

**AOC**

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