

AOC



DISCOVER YOUR DESTINY

CQ27G3Z
27" Gaming Monitor

- ▶ Quad HD Display
- ▶ Adaptive Sync Anti-tearing Technology
- ▶ Incredible 240Hz Refresh Rate And 0.5ms Response Time

16 : 9, 1000R



240Hz

0.5ms

ADAPTIVE
SYNC

HDR10
HIGH DYNAMIC
RANGE



HDMI
MULTIPOINT MULTIMEDIA INTERFACE



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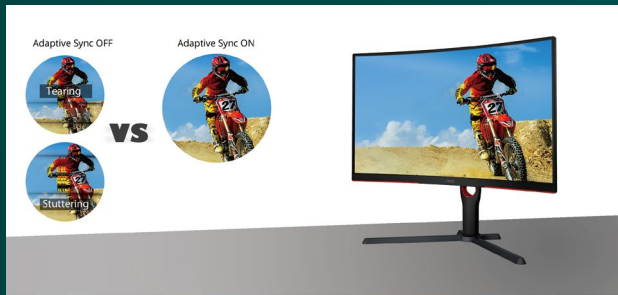
vision at Heart

Features



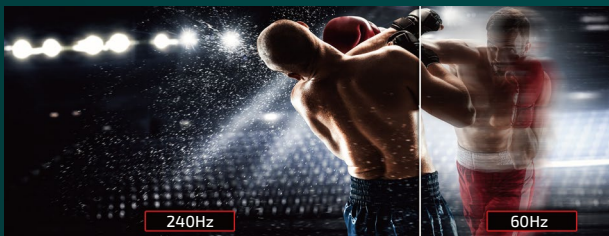
A universally respected anti-tearing solution

Screen tearing doesn't only harm gaming performance, it also destroys immersion. Adaptive Sync technology eradicates this disastrous problem by ensuring your monitor's refresh rate is always synced with your processor's.



Become a Gaming-Optimized Weapon for your Team with 240Hz and 0.5ms

With 240Hz 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 240Hz and 0.5ms, honing your sharpness and gaming abilities to the next level, especially where optimal team collaboration is required.



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.



Illuminate your visuals

Enjoy an immersive visual experience with HDR 10, 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.



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.



Experience more immersive and vivid gameplay

AOC Game Color 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.



Multitask like it was nothing

Picture-in-Picture and Picture-by-Picture empowers you to multitask like it was nothing. These features display and fine-tune content from different PCs sources onto your screen at once, making it much easier to work on multiple projects at the same 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?



Engineered for better visual experiences

VA displays deliver 178/178-degree viewing angles while maintaining consistent image quality and colors from all viewing positions. You can also view your spreadsheets or weekend movies from virtually any angle without compromising color uniformity.



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!



Reducing shortwave blue light output for healthier eyes

Low Blue Mode setting ensures a more healthy viewing experience for prolonged computer use without compromising the naturally vivid colors of the display.



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	CQ27G3Z
Panel	27" (VA / 1000R)
Pixel Pitch (mm)	0.2331 (H) x 0.2331 (V)
Effective Viewing Area (mm)	596.736 (H) x 335.664 (V)
Brightness (typical)	300 cd/m ²
Contrast Ratio	3000 : 1 (Typical) 80 Million : 1 (DCR)
Response Time	0.5ms (MPRT) / 4ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 99% (CIE1976) / sRGB 120% (CIE1931) / DCI-P3 90% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	2560 x 1440 @ 240Hz – DisplayPort1.4 2560 x 1440 @ 144Hz – HDMI2.0
Display Colors	16.7 Million
Signal Input	HDMI 2.0 x 2 DisplayPort 1.4 x 2
HDCP Version	HDMI: 2.2 / DisplayPort: 2.2
USB Hub	no
Power Supply	100 - 240V ~ 1.5A, 50 / 60Hz
Power Consumption (typical)	32W
Speakers	no
Line in & Earphone	Earphone
Wall-Mount	100mm x 100mm
Adjustable Stand	Height: 130mm, Swivel: -40° ~ 40°, Tilt: -5° ~ 23°
Product without Stand (mm)	367.5 (H) x 605.02 (W) x 95.04 (D)
Product with Stand (mm)	401.9-531.9 (H) x 605.02 (W) x 258.8 (D)
Packaging (mm)	523 (H) x 690 (W) x 225 (D)
Product without Stand (kg)	4.6
Product with Stand (kg)	5.9
Product with Packaging	8.6
Cabinet Color	Black & Red
Regulatory Approvals	CE / CB / FCC

Design and Specifications are subject to change without notice.

