

AOC



G1 SERIES GAMING

EXPAND
YOUR WORLD

AMD
FreeSync
Premium


CURVED MONITOR

144Hz 1ms


GAME COLOR

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vision at Heart



AOC 1700R Curved Monitor

► 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.



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.



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.



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.



Your custom built-in crosshair

The Dial Point function is specially designed for first person shooting (FPS) gamers. A fixed, custom crosshair is placed at the center of the screen to help with accuracy and focus.



Experience more immersive and vivid gameplay

With AOC Game Color, you can adjust color saturation and grey levels across 20 levels of detail for a better game experience. Delight in more vivid MMORPG scenes, more intense FPS action, and better MOBA character details.



Optimize your game settings

It can be a hassle to adjust monitor settings every time you load up a new game. AOC Game Mode allows quick adjustment and pre-designed setups (tailored for different genres) to enhance the gaming experience.



Slim, sleek, simple

Slim bezel and border monitors offer a comforting viewing experience without distraction. They also save space and can boost productivity via multi-monitor setups. This monitor comes with a 1.5mm ultra-narrow bezel and 6mm black screen border.



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.



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.



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	CQ27G1
Panel	27" (VA)
Pixel Pitch (mm)	0.2331 (H) × 0.2331 (V)
Effective Viewing Area (mm)	596.736 (H) × 335.664 (V)
Brightness (typical)	250 cd/m ²
Contrast Ratio	3000 : 1 (Typical) 80 Million : 1 (DCR)
Response Time	1ms (MPRT)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 101% (CIE1976) / sRGB 122% (CIE1931) / DCI-P3 92% (CIE1976)
Optimum Resolution	2560 × 1440 @ 144Hz – DisplayPort, HDMI
Display Colors	16.7 Million
Signal Input	HDMI 2.0 × 2, DisplayPort 1.2 × 1
HDCP Version	HDMI: 2.2, DisplayPort: 2.2
USB Hub	no
Power Supply	100 - 240V ~ 1.5A, 50 / 60Hz
Power Consumption (typical)	29W
Speakers	no / Earphone Out
Wall-Mount	100mm × 100mm
Adjustable Stand	Tilt: -5° ~ 23°, Swivel: -35° ~ 35°, Height: 130mm
Product without Stand (mm)	366.6 (H) × 612 (W) × 71.4 (D)
Product with Stand (mm)	405~535 (H) × 612 (W) × 245 (D)
Product without Stand (kg)	4.3 kg
Product with Stand (kg)	5.8 kg
Cabinet Color	Black & Red
Regulatory Approvals	CCC / RoHS / CE / FCC / Windows 10