

AOC

GAMING



IN THE GAME

EXPLORED WITH
C27G2Z2

ADAPTIVE SYNC | VA WIDE VIEWING ANGLE | **250HZ** | 0.5MS RESPONSE TIME
HDR10 | 3-SIDED FRAMELESS | **FLICKER FREE** | LOW BLUE MODE

www.aoc.com

AOC

► 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.

250Hz

250Hz translates high GPU framerates into a smooth and responsive gameplay experience

Make the most of the graphical output of your PC with a monitor that can handle it: 250Hz translates GPU framerates into a smooth and responsive gameplay experience. Unleash your reflexes.



0.5ms

0.5ms MPRT response time decreases motion blur to eliminate smearing or ghosting

A pixel response time of 0.5ms MPRT means speed without the smear for an enhanced gaming experience. Fast-moving action and dramatic transitions will be rendered smoothly without the annoying effects of ghosting. Choose the right path to gaming success, and never let a slow display stop you.



VA panel for wide-viewing angles

VA panel ensures an excellent viewing experience with lifelike yet brilliant and accurate colours. Colours look consistent no matter from which angle you look at the display.



See more with 3-sided frameless design

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?



High Dynamic Range (HDR) for more lifelike colorful visuals

High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and captivating color, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colors never before seen on display, giving you a visual experience that engages your senses and inspires emotions.



Flicker-free technology for reduced eye fatigue

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.



Reduces blue light exposure for a comfortable experience

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



Transmits digital signals in one cable

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.



VESA Mount lets you put your monitor wherever you want it

Whether you prefer a wall mount or multi-monitor desk setup, VESA Mount offers the ultimate in flexibility. And when combined with 3rd party accessories, VESA Mount lets you put your monitor wherever you want it.

► Specifications

Model Name	C27G22Z
Panel	27" (VA)
Pixel Pitch (mm)	0.3114 (H) × 0.3114 (V)
Effective Viewing Area (mm)	597.88 (H) × 336.31 (V)
Brightness (typical)	300 cd/m ²
Contrast Ratio	3000 : 1 (Typical) 80 Million : 1
Response Time	0.5ms (MPRT) / 4ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 98% (CIE1976) / sRGB 120% (CIE1931) / ZDC1-P3 90% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	1920 × 1080 @ 250Hz – DisplayPort1.2, HDMI2.0
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	Internal 100 - 240V ~ 1.5A, 50 / 60Hz
Power Consumption (typical)	31W
Speakers	no
Line in & Earphone	Earphone
Wall-Mount	100mm x 100mm
Adjustable Stand	Height: 130mm, Tilt: —5° ~ 23°, Swivel: —30° ~ 30°
Product without Stand (mm)	367.33 (H) × 612.37 (W) × 73.16 (D)
Product with Stand (mm)	398.6 ~ 528.6 (H) × 612.37 (W) × 227.4 (D)
Packaging (mm)	523 (H) × 686 (W) × 214 (D)
Product without Stand (kg)	4.1
Product with Stand (kg)	5.34
Product with Packaging (kg)	7.74
Cabinet Color	Black & Red
Regulatory Approvals	CE / CB / FCC / RoHS / RCM / MEPS