

AOC
GAMING



ONLY FOR THE
TRUE VALIANT

EXPLORED BY
Q27G4Z

QHD @ 2560 X 1440 PX | FAST IPS | ADAPTIVE SYNC | 260HZ | 0.3MS RESPONSIVE TIME
VESA DISPLAYHDR™ 400 | MBR SYNC | LOW INPUT LAG | HEIGHT ADJUSTABLE STAND
GAME COLOR | GAMING MODE | SNIPER SCOPE | DIAL POINT | DARK BOOST
SHADOW CONTROL | FLICKER FREE | LOW BLUE MODE | G-MENU

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AOC

► Features



Rule the competition with Fast IPS

Fast IPS annihilates the competition with a speed 4x faster than conventional IPS. Guaranteeing you true 1 ms (GtG) response times and captivating visual quality, raise your gaming performance to the next level!



The e-sports professional standard for gaming

With a 260Hz refresh rate and 0.3ms 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.



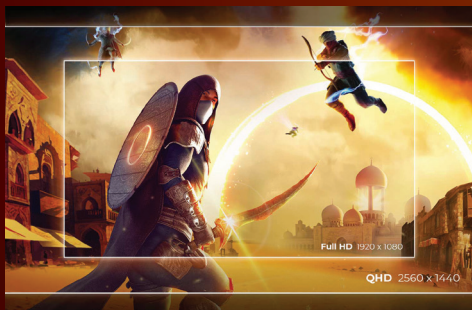
A universally respected anti-tearing solution

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.



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.



DisplayHDR™ 400 for more lifelike colorful visuals

Vesa Certified DisplayHDR™ 400 delivers a significant step-up from normal SDR displays. Unlike, other 'HDR compatible' screens, true DisplayHDR™ 400 produces astonishing brightness, contrast and colors. With global dimming and peak brightness up-to 400 nits, images come to life with notable highlights while featuring deeper, more nuanced blacks. It renders a fuller palette of rich new colors, delivering a visual experience that engages your senses.



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.



Your custom built-in crosshair

The DialPoint feature provides selectable custom crosshair options, helping gamers to play First-Person Shooter (FPS) games with more accurate and precise aiming.



Optimize your game settings

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



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.



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.



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	Q27G4Z
Panel	27" (Fast IPS)
Pixel Pitch (mm)	0.2331 (H) × 0.2331 (V)
Effective Viewing Area (mm)	596.736 (H) × 335.664 (V)
Brightness (typical)	350 cd/m ² (SDR) / 400 cd/m ² (HDR)
Contrast Ratio	1000 : 1 (Typical) / MEGA DCR
Response Time	1ms (GtG) / 0.3ms MPRT
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 107% (CIE1976) / sRGB 118% (CIE1931) / DCI-P3 97% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	2560 × 1440 @ 260Hz (OC) – DisplayPort1.4+DSC 2560 × 1440 @ 144Hz – HDMI2.0
Display Colors	1.07 Billion
Signal Input	HDMI 2.0 × 1, 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)	28W
Speakers	No
Line in & Earphone	Earphone
Wall-Mount	100mm x 100mm
Adjustable Stand	Height: 130mm, Swivel: —20° ~ 20°, Pivot: —90° ~ 90°, Tilt: —5° ~ 23°
Product without Stand (mm)	366.3 (H) × 613.9 (W) × 51.3 (D)
Product with Stand (mm)	386.0~516.0 (H) × 613.9 (W) × 240.0 (D)
Packaging (mm)	481 (H) × 822 (W) × 162 (D)
Product without Stand (kg)	3.45
Product with Stand (kg)	4.91
Product with Packaging (kg)	8.35
Cabinet Color	Black & Red
Regulatory Approvals	CE / CB / FCC / RoHS