

AOC GAMING



DISCOVER

YOUR DESTINY

EXPLORED BY

Q27G3ZN

QHD @ 2560 X 1440 | 260HZ | **0.5MS RESPONSE TIME** | ADAPTIVE SYNC

DISPLAYHDR 400 | **HDMI 2.0** | DISPLAYPORT 1.4 | **ADJUSTABLE STAND**

FAST IPS | **LOW INPUT LAG** | DIAL POINT

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► Features



Rule the Competition with Fast IPS

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



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.



Become a Gaming-Optimized Weapon for your Team with 260Hz and 0.5ms

With 260Hz 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 260Hz and 0.5ms, honing your sharpness and gaming abilities to the next level, especially where optimal team collaboration is required.



Effortlessly smooth action with Adaptive-Sync technology

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



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.



Optimize your game settings

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



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.



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!



HDMI 2.0 expands the limits of possibility

HDMI 2.0 brings faster and variable refresh rates and amazing 48Gbps transmission bandwidth, for reduced or eliminated lag, stutter and frame tearing, plus higher resolution, higher frame rates, and smooth, fluid and detailed up to 4K 120Hz gaming experience.

► Specifications

Model Name	Q27G3ZN
Panel	27" (IPS)
Pixel Pitch (mm)	0.2331 (H) × 0.2331 (V)
Effective Viewing Area (mm)	596.74 (H) × 335.66 (V)
Brightness (typical)	350 cd/m ² (SDR) / 450 cd/m ² (HDR)
Contrast Ratio	1200 : 1 (Typical) 80 Million : 1 (DCR)
Response Time	0.5ms (MPRT) / 1ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	sRGB 127% (CIE1931) / DCI-P3 95% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	2560 × 1440 @ 260Hz – DisplayPort1.4 2560 × 1440 @ 144Hz – HDMI2.0
Display Colors	16.7 Million
Signal Input	HDMI 2.0 × 2, DisplayPort 1.4 × 1
HDCP Version	HDMI: 2.2 / DisplayPort: 2.2
USB Hub	no
Power Supply	100 - 240V~1.5A, 50 / 60Hz
Power Consumption (typical)	21W
Speakers	no
Line in & Earphone	Earphone
Wall-Mount	100mm x 100mm
Adjustable Stand	Height: 130mm, Pivot: -90° ~ 90°, Swivel: -30° ~ 30°, Tilt: -5° ~ 23°
Product without Stand (mm)	366.3 (H) × 613.9 (W) × 52 (D)
Product with Stand (mm)	414.6~544.6 (H) × 613.9 (W) × 258.8 (D)
Packaging (mm)	485 (H) × 805 (W) × 162 (D)
Product without Stand (kg)	4.29
Product with Stand (kg)	5.64
Product with Packaging (kg)	7.72
Cabinet Color	Black & Red
Regulatory Approvals	RoHS / CE / CB / FCC