

AOC
GAMING



IN THE
G A M E

EXPLORED BY
Q27G2S/D

QHD @ 2560 X 1440 PX | G-SYNC COMPATIBLE | **170HZ** | 1MS RESPONSE TIME | **FAST IPS**
HDMI 2.0 | **DisplayHDR 400** | LOW INPUT LAG | **ADJUSTABLE STAND**

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► Features



G-Sync Compatible

NVIDIA's trusted "G-Sync Compatible" certification recognizes displays that can deliver high quality variable refresh rate (VRR) in line with the VESA DisplayPort Adaptive-Sync standard and more. Enjoy tear-free, lag-free gaming at the highest level – now with more flexibility and customization potential than ever before due to the wider range of available monitor options.



without FreeSync



The e-sports professional standard for gaming

With a 170Hz 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.



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.



Universal respected standard for display visual

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.



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!



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

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



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.



Slim, sleek, simple

Displays with ultra-narrow borders allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setup like gaming, graphic design and professional applications, an ultra-narrow border display gives you the feeling of using one large 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 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.



Adjust the screen in all ways, always

The 4-way adjustable stand allows effortless height adjustment, 90° pivot, full swivel (both directions), and tilting to position the monitor exactly where it needs to be.



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	Q27G2S/D
Panel	27" (IPS)
Pixel Pitch (mm)	0.2331 (H) x 0.2331 (V)
Effective Viewing Area (mm)	596.736 (H) x 335.664 (V)
Brightness (typical)	350 cd/m ² / 400 cd/m ² (Center Peak for HDR)
Contrast Ratio	1000 : 1 (Typical) 80 Million : 1 (DCR)
Response Time	1ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 108% (CIE1976) / sRGB 126% (CIE1931) / DCI-P3 99% (CIE1976)
Optimum Resolution	2560 × 1440 @ 144Hz – HDMI2.0 2560 × 1440 @ 165Hz – DisplayPort1.4 2560 × 1440 @ 170Hz (OC) – DisplayPort1.4
Display Colors	1.07 Billion
Signal Input	HDMI 2.0(HDR) × 2, DisplayPort1.4 (HDR) × 1
HDCP Version	HDMI: 2.2, DisplayPort: 2.2
USB Hub	no
Power Supply	Internal 100 - 240V ~ 1.5A, 50 / 60Hz
Power Consumption (typical)	40W
Speakers	no
Wall-Mount	100mm x 100mm
Adjustable Stand	Height: 130mm, Swivel: -30° ~ 30°, Pivot: 0°~90° ± 2°, Tilt: -5° ~ 23°
Product without Stand (mm)	365.8 (H) × 611.8 (W) × 49.2 (D)
Product with Stand (mm)	398.6~528.6 (H) × 611.8 (W) × 227.4 (D)
Product without Stand (kg)	4.6
Product with Stand (kg)	5.7
Cabinet Color	Black & Red
Regulatory Approvals	RCM / MEPS / CE / CB / FCC

Optimum Resolution:

* Adaptive-Sync frequency range: 48Hz ~ 170Hz (DP); 48Hz ~ 144Hz(HDMI).

* For GPU compatibility, operating system, and driver requirements, please contact your GPU manufacturer.

Display colors:

* It needs to set YCbCr as 4:2:2 format for this model to reach up to 1.07 billion colors in QHD resolution with 144Hz refresh rates via HDMI 2.0.