ONLY FOR THE

TRUE VALIANT

EXPLORED BY

Q27G4SD

QHD @ 2560 X 1440 PX | QD-OLED | **ADAPTIVE SYNC** | 360HZ | **0.03MS RESPONSIVE TIME**

VESA DISPLAYHDR™ TRUE BLACK 400 | LOW INPUT LAG | **PBP/PIP** | HEIGHT ADJUSTABLE STAND

DARK BOOST | GAME COLOR | **GAMING MODE** | SNIPER SCOPE | **DIAL POINT**

SHADOW CONTROL | FLICKER FREE | **ANTI BLUE LIGHT** | G-MENU

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AOC

Features

The pinnacle of display innovation

QD-OLED harnesses the power of quantum dots to achieve unparalleled color accuracy and brightness. Unlike traditional displays, QD-OLED leverages quantum dots that emit their own light, enabling a wide range of precise colors at an exceptional contrast ratio. With blue light as its source and a QD light-emitting layer that breathes life into colors, QD-OLED achieves remarkable luminance while preserving high color purity and a wide color gamut.

The e-sports professional standard for gaming

With a 360Hz refresh rate and 0.03ms response time, your display will be equipped to perform at the progaming 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

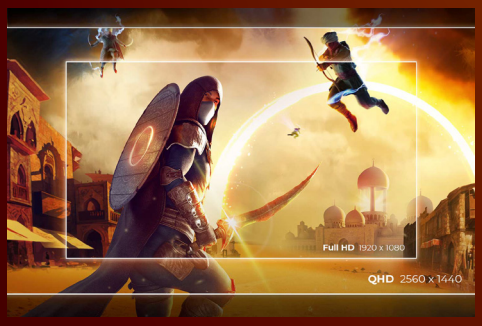
Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artifact-free performance at virtually any framerate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.

Optimized for Unparalleled Visual Quality

High Dynamic Range (HDR) displays deliver better contrast and color accuracy, as well as more vibrant colors, compared to Standard Dynamic Range (SDR) displays. The DisplayHDR True Black 400 variant is particularly tailored for OLED displays, representing a major advancement in visual technology. Leveraging the individual pixel dimming capability of OLED monitors, DisplayHDR True Black 400 delivers substantially deeper black levels, expanded dynamic range, and improved rise time, resulting in an incredible visual treat.

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.



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 oftime. 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.

An innovative solution to protect against the blue light from computer screens

The ratio of light in the range from 415nm~455nm compared to 400nm~500nm shall be less than 50%.

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	Q27G4SD
Panel	26.5" (QD-OLED)
Pixel Pitch (mm)	0.2292 (H) × 0.2292 (V)
Effective Viewing Area (mm)	590.42 (H) × 333.72 (V)
Brightness (typical)	250cd/m² (100% APL)
Contrast Ratio	1,500,000 : 1
Response Time	0.03ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	sRGB 100% (CIE1931) / DCI-P3 99% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	2560 × 1440 @ 360Hz – DisplayPort1.4+DSC, HDMI2.1+DSC
Display Colors	1.07 Billion
Signal Input	HDMI 2.1 × 2, DisplayPort 1.4 × 1
HDCP Version	HDMI: 2.2 / DisplayPort: 2.2
USB Hub	No
Power Supply	Internal 100 - 240V~2A, 50 / 60Hz
Power Consumption (typical)	72W
Speakers	No
Line in & Earphone	Earphone
Wall-Mount	100mm x 100mm
Adjustable Stand	Height: 130mm, Swivel: —30° ~ 30°, Pivot: —90°~ 90°, Tilt: —5° ~ 23°
Product without Stand (mm)	357.7(H) × 609.3 (W) × 58.2 (D)
Product with Stand (mm)	407.7~537.7 (H) × 609.3 (W) × 240.0 (D)
Packaging (mm)	481 (H) × 820 (W) × 159(D)
Product without Stand (kg)	5.08
Product with Stand (kg)	6.48
Product with Packaging (kg)	9.74
Cabinet Color	Black & Red
Regulatory Approvals	CE / CB / FCC / RoHS / VESA ClearMR 18000

Design and Specifications are subject to change without notice.

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