



# AOC GAMING

ONLY FOR THE

# TRUE VALIANT

EXPLORED BY  
**Q27G4KD**

**QD-OLED** | VESA DISPLAYHDR™TRUE BLACK 500 | **ADAPTIVE SYNC** | QHD | **500HZ**  
0.03MS GTG | **LOW INPUT LAG** | PBP/PIP | **DARK BOOST** | GAME MODE  
**GAME COLOR** | SNIPER SCOPE | **6-AXIS COLOR SATURATION/HUE** | SHADOW CONTROL  
**FLICKER FREE** | ANTI-BLUE LIGHT | **HEIGHT ADJUSTABLE STAND** | G-MENU

[www.aoc.com](http://www.aoc.com)

**AOC**



## ► Features



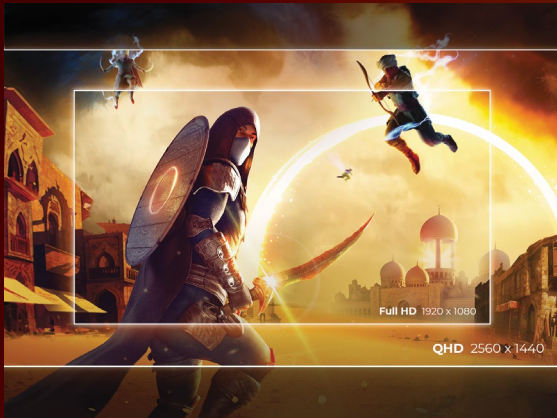
### The pinnacle of display innovation

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.



### 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.



### The e-sports professional standard for gaming

With a 500Hz 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.



### 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 500 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 500 delivers substantially deeper black levels, expanded dynamic range, and improved rise time, resulting in an incredible visual treat.



### 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.



### Optimize your game settings

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



### 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.



### 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.



### 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%.

## ► Specifications

Model Name	Q27G4KD
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)	300cd/m <sup>2</sup> (100% APL)
Contrast Ratio	1,500,000:1 (Typical)
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 @ 500Hz – DisplayPort2.1, HDMI2.1+DSC
Display Colors	1.07Billion
Signal Input	HDMI 2.1 × 2, DisplayPort 2.1 × 1
HDCP Version	HDMI: 2.2 / DisplayPort: 2.2
USB Hub	USB 3.2 Gen1 × 2
Power Supply	100 - 240V~2.0A, 50 / 60Hz
Power Consumption (typical)	85W
Speakers	No
Line in & Earphone	Earphone
Wall-Mount	100mm x 100mm
Adjustable Stand	Height: 130mm, Swivel: -20° ~ 20°, Tilt: -5° ~ 20°
Product without Stand (mm)	357.7(H) × 609.3 (W) × 54.97 (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)	6.54
Product with Packaging (kg)	9.75
Cabinet Color	Black & Red
Regulatory Approvals	CE / FCC / RoHS

Design and Specifications are subject to change without notice.



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