

AOC
GAMING



ONLY FOR THE
TRUE VALIANT

EXPLORED BY
Q27G40ZDF

QD-OLED | **OLED CARE** | **QHD @ 2560 X 1440** | **240HZ** | **ADAPTIVE SYNC** | **0.03MS GTG** | **HDR10**
PBP/PIP | **LOW INPUT LAG** | **DARK BOOST** | **GAMING MODE** | **GAME COLOR** | **FLICKER FREE**
6-AXIS COLOR STURATION/HUE | **DIAL POINT** | **SNIPER SCOPE** | **SHADOW CONTROL** | **ANTI-BLUE LIGHT**

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► 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.



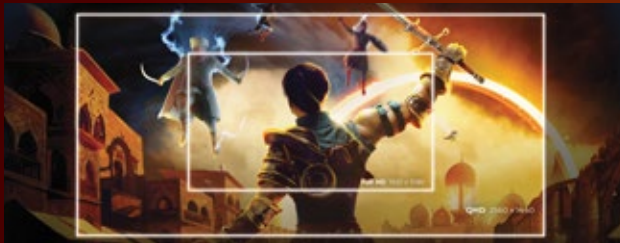
The e-sports professional standard for gaming

With a 240Hz refresh rate and 0.03ms response time (GtG), 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.



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.



High Dynamic Range (HDR) for more lifelike colorful visuals

High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and captivating color, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colors never before seen on display, giving you a visual experience that engages your senses and inspires emotions.



Adjustable color saturation for better gray levels and finer picture detail

AOC GameColor can be set between levels 0-20 in order to adjust color level for better picture 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.



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%.



Creates faster response times by decreasing delay between video source input and output

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.

► Specifications

Model Name	Q27G40ZDF
Panel	26.5" (QD-OLED (Anti-Reflection))
Pixel Pitch (mm)	0.2292 (H) × 0.2292 (V)
Effective Viewing Area (mm)	590.42 (H) × 333.72 (V)
Brightness (typical)	200cd/m ² (100% APL) 400 cd/m ² (Typ.) (10% 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 @ 240Hz – DisplayPort1.4 2560 × 1440 @ 144Hz – HDMI2.0
Display Colors	1.07Billion
Signal Input	HDMI 2.0 × 1, DisplayPort 1.4 × 1
HDCP Version	HDMI: 2.3 / DisplayPort: 2.3
USB Hub	No
Power Supply	Internal 100 - 240V~1.5A, 50 / 60Hz
Power Consumption (typical)	63W
Speakers	No
Line in & Earphone	Earphone
Wall-Mount	100mm x 100mm
Adjustable Stand	Tilt: -5° ~ 23°
Product without Stand (mm)	355.3 (H) × 609.3 (W) × 57.03 (D)
Product with Stand (mm)	454.3 (H) × 609.3 (W) × 192.2 (D)
Packaging (mm)	455 (H) × 780 (W) × 139 (D)
Product without Stand (kg)	4.11
Product with Stand (kg)	4.96
Product with Packaging (kg)	7.78
Cabinet Color	Black & Red
Regulatory Approvals	RoHS / BSMI / RCM / MEPS / PSE / VCCI / J-moss / PC-recycle / CE / CB / FCC / VESA ClearMR 13000