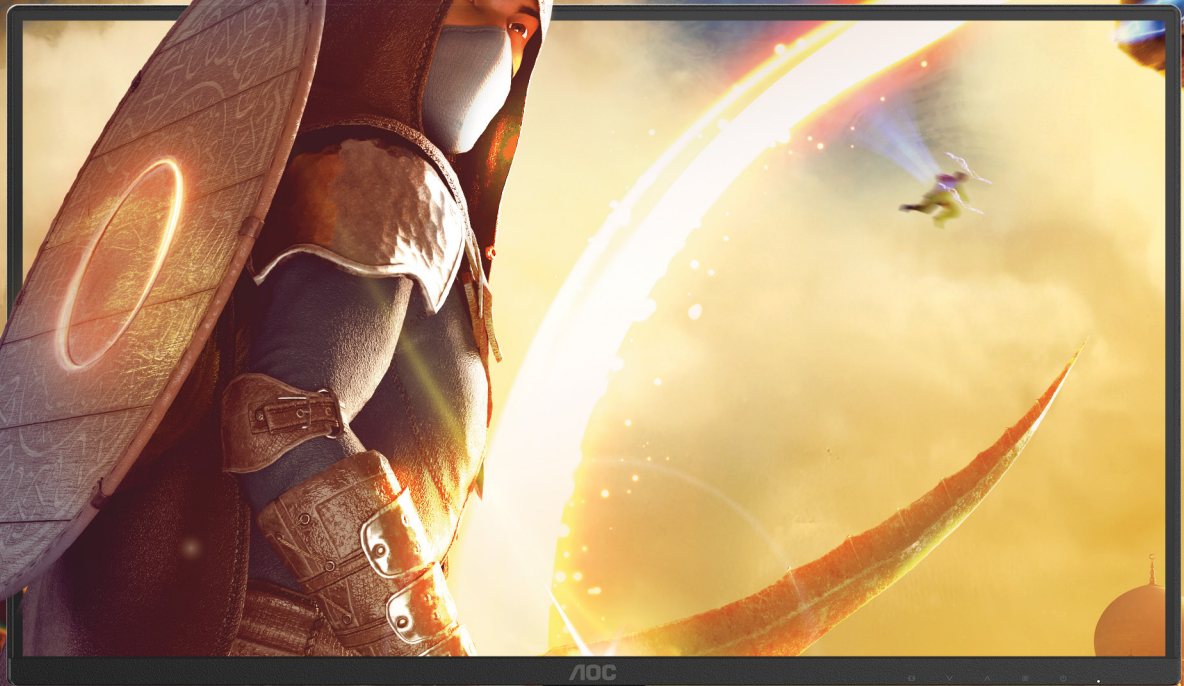


AOC
GAMING



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

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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.



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 pro gaming 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 ² (100% APL) |
| | 515 cd/m ² (Typ.) (10% APL) |
| | 1000 cd/m ² (Typ.) (HDR 3% 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, Pivot : —90°~ 90° Swivel: —30° ~30°, Tilt: —5° ~ 23° |
| 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 / TÜV Flicker Free certificate VESA ClearMR 21000 / TÜV Low Blue Light certificate (Hardware solution) |

Design and Specifications are subject to change without notice.



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