

**AOC**  
GAMING



ONLY FOR THE  
**TRUE VALIANT**

EXPLORED BY  
**Q27G42ZE**

**260HZ** | 0.3MS MPRT | **FAST IPS** | LOW INPUT LAG | **HDR10** | GAMING MODE  
**ADAPTIVE SYNC** | QHD @ 2560 X 1440 PX | **FLICKER FREE** | LOW BLUE MODE | **DARK BOOST** | G-MENU  
**SHADOW CONTROL** | GAME COLOR | **DIAL POINT** | SNIPER SCOPE | **MBR SYNC** | HDMI 2.0

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

**AOC**



## ► Features

**260Hz**  
**0.3ms**

### Become a Gaming-Optimized Weapon for your Team with 260Hz and 0.3ms MPRT

With 260Hz monitors being the standard in professional e-sport tournaments and competitions, embrace team solidarity and enjoy an ultra-smooth experience with the incredible responsive of 260Hz and 0.3ms MPRT, honing your sharpness and gaming abilities to the next level, especially where optimal team collaboration is required.



### 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!



### Illuminate your visuals

Enjoy an immersive visual experience with HDR 10, the industry-standard high dynamic range for delivering a rich palette of colors, brightness, and contrast that far exceeds the capabilities of ordinary monitors, engaging your senses and creatively inspiring you.



### 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.



### Dominate the battlefield with precision and speed

With our revolutionary technology, swiftly eliminate your adversaries before they even know what hit them. Our advanced Sniper Scope offers multi-stage zooming for unparalleled accuracy. Plus, our adaptable screen ensures seamless operation, transforming any weapon into a long-range sniper rifle capable of striking enemies from afar. Take control of the game like never before!



### Elevating your gaming experience

Experience seamless gameplay with our innovative MBR Sync technology. By combining MPRT with Adaptive Sync, we've revolutionized your gaming visuals, banishing motion blur and ghosting from your screen. Enjoy crisp, lightning-fast graphics that remain consistently sharp, even during intense gameplay sessions and at high frame rates. Say goodbye to distractions and hello to unparalleled gaming immersion.



### 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.



### One place to control settings for your gaming experience with AOC G-MENU

With AOC G-MENU, you have one place to dial in your settings for your visual gaming experience on an intuitive GUI-based menu.



### 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.



### 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.



### 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.



### 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	Q27G42ZE
Panel	27" (IPS)
Pixel Pitch (mm)	0.2331 (H) × 0.2331 (V)
Effective Viewing Area (mm)	596.74 (H) × 335.66 (V)
Brightness (typical)	300 cd/m <sup>2</sup>
Contrast Ratio	1300 : 1 (Typical) / MEGA DCR
Response Time	0.3ms MPRT / 1ms GtG
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 107% (CIE1976) / sRGB 120% (CIE1931) DCI-P3 98.5% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	2560 × 1440 @ 260Hz(OC) – DisplayPort1.4 2560 × 1440 @ 144Hz – HDMI2.0
Display Colors	16.7 Million
Signal Input	HDMI 2.0 × 2, DisplayPort 1.4 × 1
HDCP Version	HDMI: 2.2 / DisplayPort: 2.2
USB Hub	No
Power Supply	Internal 100 - 240V~1.5A, 50 / 60Hz
Power Consumption (typical)	35W
Speakers	No
Line in & Earphone	Earphone
Wall-Mount	100mm x 100mm
Adjustable Stand	Tilt: -5° ~ 23°
Product without Stand (mm)	366.3 (H) × 613.9 (W) × 52.7 (D)
Product with Stand (mm)	449.7 (H) × 613.9 (W) × 197.6 (D)
Packaging (mm)	680 (H) × 690 (W) × 124 (D)
Product without Stand (kg)	3.45
Product with Stand (kg)	3.84
Product with Packaging (kg)	6.1
Cabinet Color	Black & Red
Regulatory Approvals	CE / CB / FCC / RoHS