

**AOC**  
GAMING



ONLY FOR THE  
**TRUE VALIANT**

EXPLORED BY  
**27G42E**

**FAST IPS** | ADAPTIVE SYNC | **180HZ** | 0.5MS RESPONSIVE TIME | **SUPER COLOR**  
**HDR10** | MBR SYNC | **HDMI2.0** | DISPLAYPORT1.4 | **FLICKER FREE**

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

**AOC**



# ► Features



## 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!



## The e-sports professional standard for gaming

With a 180Hz refresh rate and 0.5ms 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.



## 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.



## 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.



## 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.



## Bringing depth to your colors

AOC Super Color technology enlivens the viewing experience with more passionate reds, enchanting greens and soothing blues. With this hardware solution, you can enjoy better color accuracy and true-to-life color reproduction in your photos, videos and more.



## 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.



## 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	27G42E
Panel	27" (IPS)
Pixel Pitch (mm)	0.3108 (H) × 0.3108 (V)
Effective Viewing Area (mm)	596.736 (H) × 335.664 (V)
Brightness (typical)	300 cd/m <sup>2</sup>
Contrast Ratio	1000 : 1 (Typical) 80 Million : 1
Response Time	0.5ms MPRT / 1ms GtG
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 104% (CIE1976) / sRGB 128% (CIE1931) DCI-P3 95% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	1920 × 1080 @ 180Hz – DisplayPort, HDMI
Display Colors	16.7 Million
Signal Input	HDMI 2.0 × 1, 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)	22W
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) × 51.2 (D)
Product with Stand (mm)	449.7 (H) × 613.9 (W) × 197.6 (D)
Packaging (mm)	454 (H) × 690 (W) × 126 (D)
Product without Stand (kg)	3.44
Product with Stand (kg)	3.83
Product with Packaging (kg)	6.4
Cabinet Color	Black & Red
Regulatory Approvals	CE / CB / FCC / RoHS