

AOC
GAMING



ULTRA SMOOTH. ULTRA FAST.
BUILT TO WIN

EXPLORED BY

27G50Z

FAST IPS | ADAPTIVE SYNC | **260HZ** | 1MS GTG/0.3MS MPRT | **GAMING MODE**
GAME COLOR | **DIAL POINT** | MBR/MBR SYNC | **SHADOW CONTROL** | 6-AXIS SATURATE /HUE
FLICKER FREE | LOW BLUE MODE | **G-MENU**

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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 260Hz refresh rate and 0.3ms response time (MPRT), 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.



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.



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.



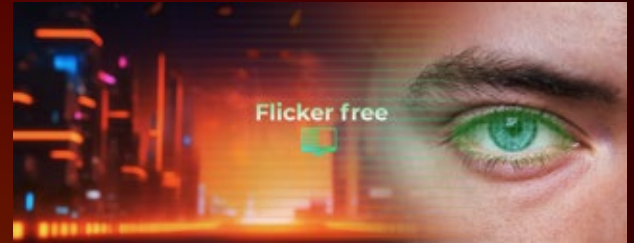
Optimize your game settings

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.



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.



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.

► Specifications

Model Name	27G50Z
Panel	27" (Fast 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 ²
Contrast Ratio	1000 : 1
Response Time	0.3ms (MPRT) / 1ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 101% (CIE1976) / sRGB 114% (CIE1931) DCI-P3 93%
Color Accuracy	Delta E < 2
Optimum Resolution	1920 × 1080 @ 240Hz – DisplayPort, HDMI 1920 × 1080 @ 260Hz (OC) – 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	External 19VDC, 1.9A
Power Consumption (typical)	23W
Speakers	No
Line in & Earphone	Earphone
Wall-Mount	100mm x 100mm
Adjustable Stand	Tilt: -5° ~ 23°
Product without Stand (mm)	360.0 (H) × 616.0 (W) × 36.2 (D)
Product with Stand (mm)	459.9 (H) × 616.0 (W) × 190 (D)
Packaging (mm)	480 (H) × 690.0 (W) × 124 (D)
Product without Stand (kg)	2.82
Product with Stand (kg)	3.16
Product with Packaging (kg)	5.5
Cabinet Color	Black
Regulatory Approvals	RoHS / CE / CB / FCC / BSMI / KC / KCC / MEPS