

ULTRA-SMOOTH,
ULTRA-FAST, BUILT TO
WIN

POWERED BY
27G50F



The 27G50F features a 27" FHD IPS panel for sharp visuals and wide viewing angles. With a 180Hz refresh rate and 0.5ms MPRT response time, gameplay stays fluid and responsive. While Dial Point, Shadow Control and Sniper Scope enhance accuracy and visibility.

- **Overclock to 180Hz**
- **Adaptive Sync Enabled**
- **MBR Sync Clarity**
- **Flicker-Free Viewing**
- **FPS Aiming Support**
- **Adjustable Shadow Levels**

OVERCLOCK TO 180HZ

Overclock your display to 180Hz for ultra-smooth gaming visuals. Enjoy fluid motion and instant input lag reduction while playing fast-paced FPS, racing and action games. Every swift move and dynamic scene renders seamlessly, delivering immersive gameplay, sharper visuals and outstanding competitive performance for all your gaming sessions.



ADAPTIVE SYNC ENABLED

Adaptive Sync technology eliminates screen tearing for smooth, uninterrupted gaming sessions.

MBR SYNC CLARITY

MBR Sync reduces motion blur and ghosting for crisp visuals during intense gameplay.



FLICKER-FREE VIEWING

Flicker-Free technology reduces eye strain for comfortable, marathon gaming sessions.

FPS AIMING SUPPORT

Dial Point adds an on-screen crosshair for precise aiming in every FPS match.



ADJUSTABLE SHADOW LEVELS

Shadow Control improves visibility by adjusting dark areas without affecting overall brightness.

GENERAL		CABINET INFORMATION		PRODUCT DIMENSIONS	
Model Name	27G50F	Kensington Lock	Yes	Product dimensions incl. base (WxHxD) mm	616(W) × 458.7(H) × 190 (D)
Brand	AOC	Vesa wallmount	100x100		
Channel	Gaming	ERGONOMICS		Product dimensions excl. base (WxHxD) mm	616(W)× 358.8 (H) × 36.2 (D)
Product line	AOC Gaming	Tilt	-3° ±2° ~ 21° ±2°		
Design family	G50	SUSTAINABILITY		Packaging dimensions (WxHxD) mm	690(W)*480(H)*124(D)
Launch date (ETA)	4/30/2025	RoHs compliant	Yes	Gross weight incl. package (in kg)	5,26
DISPLAY INFORMATION		Carton material	Paper	Net weight excl. package (in kg)	3,14
Screen size (inch)	27,0	Carton material print	Water Print (Brown Carton)	Product without stand (kg)	2,84
Flat / Curved	Flat	POWER CONSUMPTION		OTHER INFORMATION	
Curvature Radius	Flat	Power supply	External	MTBF	30.000 hours
Panel treatment	Antiglare (AG)	Power consumption on (typical) in watts	21,0		
Pixel Pitch (mm)	0,3114	Power consumption standby in watts	0,3		
Pixels per Inch	93,0	Power consumption off in watts	0,3		
Panel resolution	1920x1080	REGULATORY COMPLIANCE			
Aspect ratio	16:9	CB	Yes		
Panel type	IPS	CE	Yes		
Backlight type	WLED	FCC	Yes		
Max Refresh rate	180Hz OC	CONNECTIVITY INFORMATION			
Response time GtG	4 ms	HDMI	HDMI 2.0 x 1		
Response time MPRT	0.5 ms	Digital HDCP (HDMI version)	HDCP 2.2		
Static contrast ratio	1500:1	DisplayPort	DisplayPort 1.4 x 1		
Viewing angle (CR10)	178/178	Audio Output	1x Audio out		
Display colours	16.7M (6bits+FRC)	DP HDCP version	HDCP 2.2		
Brightness in nits	300 cd/m²				
Local Dimming Zones	Global Dimming				
VIDEO FEATURES					
Sync technology (VRR)	Adaptive sync + MBR Sync				
HDR (High Dynamic Range)	HDR Ready				
Flicker-Free	Flicker Free				

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