AGON BY AOC

ULTRA-SMOOTH, ULTRA-FAST, BUILT TO WIN



POWERED BY

27G50F

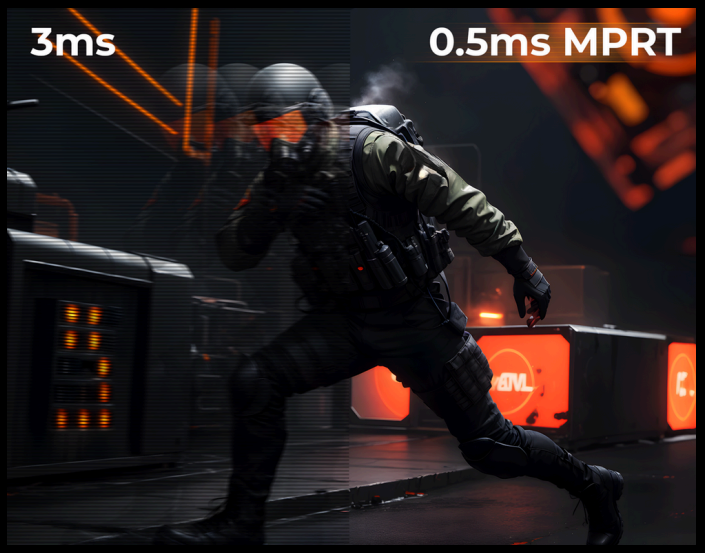
The 27G50F features a 27” FHD IPS panel for sharp visuals and wide viewing angles. With a 144Hz/OC 180Hz refresh rate and 0.5ms MPRT response time, gameplay stays fluid and responsive. While Dial Point, Shadow Control and Sniper Scope enhance accuracy and visibility.

- Overclock to 180Hz
- 0.5ms MPRT - Moving Picture Response Time
- Adaptive Sync Enabled
- Live the game at its best with HDR10
- Anti-Blue light
- Flicker-Free Viewing
- E-sports monitor stand
- GMENU
- IPS Panel

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.





0.5MS MPRT - MOVING PICTURE RESPONSE TIME

MPRT is an acronym for moving picture response time. MPRT technology disables and enables your monitor backlight during picture changes. Through the reduced time a frame is shown on the monitor, “ghosting” and “blurring” effects are reduced, resulting in a smoother, more “fluid” feeling gaming experience.

ADAPTIVE SYNC ENABLED

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





LIVE THE GAME AT ITS BEST WITH HDR10

HDR10 is here to enhance picture quality even further, improving the synchronization of your GPU or your console with the monitor. This creates a more realistic, immersive, and smooth gaming experience: You’ll feel like stepping in the game, frame by frame.

ANTI-BLUE LIGHT

AOC has created an innovative solution to protect against the damaging effects of blue light from computer screens. AOC's Anti-Blue Light technology is revolutionary in reducing the intensity and strength of blue light from computer screens while still maintaining true color and clarity.





FLICKER-FREE VIEWING

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

E-SPORTS MONITOR STAND

Our new stand. Co-designed with eSports professionals, allows you to maximize free space for all your peripherals. The base of the monitor is designed to reduce the footprint of your monitor on your desk, and even allows you to place your keyboard on top. The stand includes cable management to keep your desk clean. No matter what genre you compete in, we want you to feel like a pro.



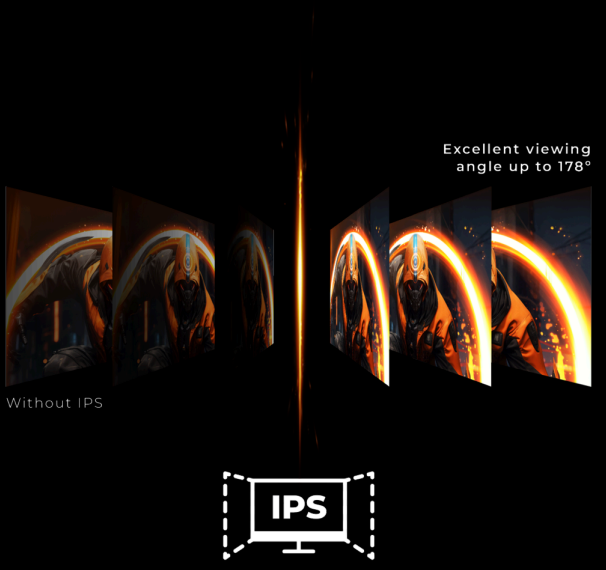


GMENU

AOC G-Menu is a free tool that you can install on your PC to have complete customization paired with maximum convenience.

IPS PANEL

IPS panel ensures an excellent viewing experience with lifelike yet brilliant and accurate colours. Colours look consistent no matter from which angle you look at the display



GENERAL

Model Name	27G50F
Brand	AOC
Channel	Gaming
Product line	AOC Gaming
Design family	G50
Launch date (ETA)	7/1/2026
EAN	4038986183659

DISPLAY INFORMATION

Screen size (inch)	27.0
Flat / Curved	Flat
Curvature Radius	Flat
Panel treatment	Antiglare (AG)
Pixel Pitch (mm)	0.3114
Pixels per Inch	93.0
Panel resolution	1920x1080
Aspect ratio	16:9
Panel type	IPS
Backlight type	WLED
Max Refresh rate	180Hz OC
Response time GtG (typical)	4 ms
Response time MPRT	0.5 ms
Static contrast ratio (typical)	1500:1
Viewing angle (CR10)	178/178
Display colours	16.7M (6bits+FRC)
Brightness in nits (typical)	300 cd/m²
Local Dimming Zones	Global Dimming

VIDEO FEATURES

Sync technology (VRR)	Adaptive sync + MBR Sync
NVIDIA G-SYNC™	NVIDIA G-SYNC Compatible
HDR (High Dynamic Range)	HDR Ready
Flicker-Free	Flicker Free

CABINET INFORMATION

Kensington Lock	Yes
Vesa wallmount	100x100

ERGONOMIC INFORMATION

Tilt	-5° ~ 23°

SUSTAINABILITY

RoHs compliant	Yes
Carton material	Paper
Carton material print	Water Print (Brown Carton)

POWER CONSUMPTION

Power supply	External
Power consumption on (typical) in watts	21.0
Power consumption standby in watts	0.3
Power consumption off in watts	0.3

REGULATORY COMPLIANCE

CB	Yes
CE	Yes
FCC	Yes

CONNECTIVITY INFORMATION

HDMI	HDMI 2.0 x 1
Digital HDCP (HDMI version)	HDCP 2.2
DisplayPort	DisplayPort 1.4 x 1
Audio Output	1x Audio out
DP HDCP version	HDCP 2.2

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	616(W) × 458.7(H) × 190 (D)
Product dimensions excl. base (WxHxD) mm	616(W) × 358.8 (H) × 36.2 (D)
Packaging dimensions (WxHxD) mm	690.0*480*124
Gross weight incl. package (in kg)	5.26
Net weight excl. package (in kg)	3.14
Product without stand (kg)	2.84

OTHER INFORMATION

MTBF	30.000 hours

LEGAL DISCLAIMER

The monitor may appear different from the feature image. The products, accessories, cable(s) supplied with the product may vary in type, quantity, and/or specifications in line with country- or region-specific requirements. Specifications are subject to change without notice. The above functionality may vary depending on the user's actual usage conditions. This product is sold with a limited manufacturer's warranty. Please refer to the warranty terms for coverage details. All Rights reserved.