AGON BY AOC

PUSH THE LIMITS OF SPEED!

POWERED BY

27G50Z



The 27G50Z is built for competitive gamers who seek the fastest response. With its FHD resolution and Fast IPS panel, it delivers sharp visuals and vibrant colors. Thanks to its 260Hz (OC) refresh rate, 1ms GtG, and 0.3ms MPRT, you'll enjoy an ultra-smooth, blur-free gaming experience. AdaptiveSync and Low Input Lag ensure flawless precision, while HDR10 enriches your visuals with deeper contrast and enhanced detail. With its minimalist eSports stand and customizable G-Menu settings, the 27G50Z is your ultimate weapon to stay ahead of the competition.

- 260Hz (OC240Native)
- Fast IPS
- FHD Resolution
- Adaptive sync
- Low Input Lag
- Live the game at its best with HDR10
- 0.3ms MPRT Response Time
- E-sports monitor stand
- GMENU

260HZ (OC240NATIVE)

260Hz (OC,240Native) completely unleashes top end GPUs, bringing unprecedented fluidity to the picture on your screen. With every detail brought sharply into focus and every movement shown with crystal clarity, feel your reactions become one with the action and elevate your game.





FAST IPS

Unlock your gaming potential with Fast IPS panels offering rapid pixel response times of up to 1ms GtG. Say farewell to motion blur as you enjoy sharper images, enhancing precision targeting and boosting performance in high-speed games. Experience the advantages of fast IPS technology, including vibrant colors and wide viewing angles, for an immersive gaming experience and unleash your full potential.

FHD RESOLUTION

Want to watch a Blu-ray movie in full quality, enjoy games in high resolution or read crisp text in office applications? Thanks to its Full HD resolution of 1920 x 1080 pixels, this monitor lets you do just that. Whatever you are viewing, with Full HD it will be displayed in rich detail without requiring a high-end graphics card or consuming a lot of your system's resources.



ADAPTIVE SYNC

Adaptive Sync aligns your monitor's vertical refresh rate with the frame rate delivered by your GPU, making your gameplay and casual gaming experience even more fluid by eliminating stuttering, tearing and judder. This feature is also useful when enjoying videos and other visual media, for a smoother entertainment.

LOW INPUT LAG

Unleash your reflexes by switching to the AOC Low Input Lag mode. Forget graphical frills: this mode rewires the monitor in favour of raw response time, giving the ultimate edge in hair trigger stand offs.





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.

0.3MS MPRT RESPONSE TIME

Feel the truly immersive gaming experience. Whether you're navigating through a fast-paced racing game or engaged in a high-stakes battle, every millisecond counts! The 0.3ms MPRT monitor could be your ticket to gaming excellence, with quick reaction times and smooth gameplay.



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.



GENERAL

Model Name	27G50Z
Brand	AOC
Channel	Gaming
Product line	AOC Gaming
Design family	G50
EAN	4038986183444

DISPLAY INFORMATION

Screen size (inch)	27.0
Screen size (cm)	68.6
Display hardness	3H
Panel treatment	Antiglare (AG)
Pixel Pitch (mm)	0.3108
Pixels per Inch	81.59
Panel resolution	1920x1080
Aspect ratio	16:9
Panel type	Fast IPS
Backlight type	WLED
Max Refresh rate	260Hz (OC, 240Hz Native)
Response time GtG (typical)	1 ms
Response time MPRT	0.3 ms
Static contrast ratio (typical)	1000:1
Dynamic contrast ratio	80M:1
Viewing angle (CR10)	178/178
Display colours	16.7 Million
Brightness in nits (typical)	300 cd/m²
Local Dimming Zones	Global Dimming

VIDEO FEATURES

Sync technology (VRR)	Adaptive Sync
Digital Signal Frequency Vertical	48-260Hz
Digital Signal Frequency Horizontal	30K-290KHz
HDR (High Dynamic Range)	HDR 10
Blue Light Technology	Low Blue Mode
Colour space (sRGB) CIE 1976 %	121.5
Colour space (DCI-P3) CIE 1976 %	92.3
Colour space (Adobe RGB) CIE 1976 %	87.8
Flicker-Free	Flicker Free

CABINET INFORMATION

Bezel Colour (front)	Black
Cabinet colour (backside)	Black
Cabinet finishing (backside)	Texture
Removable stand	Yes
Vesa wallmount	100x100

ERGONOMIC INFORMATION

Tilt	-5/20

GAMING FEATURES

Gaming style	Shooters, MMORPG, Action, eSports, RTS, FPS (eSports), Beat'm up, Racing
Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Gaming convenience	G-menu
PS5 Compatibility	1920x1080@120Hz
Xbox X Compatibility	1920x1080@120Hz
Xbox S Compatibility	1920x1080@120Hz

SUSTAINABILITY

WEEE	Yes
REACH compliant	Yes
RoHs compliant	Yes
CEC	Yes

POWER CONSUMPTION

Power supply	External
Power consumption on (typical) in watts	23.0
Power consumption standby in watts	0.3
Power consumption off in watts	0.3
Energy class	E

REGULATORY COMPLIANCE

CB	Yes
CE	Yes
EAC	Yes
FCC	Yes
UKCA	Yes

CONNECTIVITY INFORMATION

HDMI	HDMI 2.0 x 1
DisplayPort	DisplayPort 1.4 x 1
Audio Output	1x Audio out

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	616 x 459.9 x 190
Product dimensions excl. base (WxHxD) mm	616 x 360 x 36.2
Packaging dimensions (WxHxD) mm	690 x 480 x 124
Gross weight incl. package (in kg)	5.5
Net weight excl. package (in kg)	3.16
Product without stand (kg)	2.82

SOFTWARE & DOWNLOADS

Software	G-Menu

WHAT'S IN THE BOX

Displayport cable	1.5
Power Cable	Yes

OTHER INFORMATION

Warranty period	3 years

⚡ 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.