

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.

- **E-sports monitor stand**
- **GMENU**
- **Low Input Lag**
- **0.3ms MPRT Response Time**
- **1ms Response time GTG - Grey-to-Grey**
- **Fast IPS**

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.

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.



1MS RESPONSE TIME GTG - GREY-TO-GREY

GtG stands for Grey-To-Grey and represents how long it takes for one pixel to change between one gray level to the next. In gaming, every millisecond counts and can be the differentiator between hitting or missing a shot. Fast response time also eliminates ghosting and motion blur.



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.

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.

GENERAL		VIDEO FEATURES		GAMING FEATURES	
Model Name	27G50Z	Sync technology (VRR)	Adaptive Sync	Gaming style	Shooters, MMORPG, Action, eSports, RTS, FPS (eSports), Beat'm up, Racing
Brand	AOC	Digital Signal Frequency Vertical	48-260Hz	Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Channel	Gaming	Digital Signal Frequency Horizontal	30K-290KHz	Gaming convenience	G-menu
Product line	AOC Gaming	HDR (High Dynamic Range)	HDR 10	PS5 Compatibility	1920x1080@120Hz
Design family	G50	Blue Light Technology	Low Blue Mode	Xbox X Compatibility	1920x1080@120Hz
EAN	4038986183444	Colour space (sRGB) CIE 1976 %	121,5	Xbox S Compatibility	1920x1080@120Hz
DISPLAY INFORMATION		Colour space (DCI-P3) CIE 1976 %	92,3	SUSTAINABILITY	
Screen size (inch)	27,0	Colour space (Adobe RGB) CIE 1976 %	87,8	WEEE	Yes
Screen size (cm)	68,6	Flicker-Free	Flicker Free	REACH compliant	Yes
Display hardness	3H	CABINET INFORMATION		RoHs compliant	Yes
Panel treatment	Antiglare (AG)	Bezel Colour (front)	Black	CEC	Yes
Pixel Pitch (mm)	0,3108	Cabinet colour (backside)	Black	POWER CONSUMPTION	
Pixels per Inch	81,59	Cabinet finishing (backside)	Texture	Power supply	External
Panel resolution	1920x1080	Removable stand	Yes	Power consumption on (typical) in watts	23,0
Aspect ratio	16:9	Vesa wallmount	100x100	Power consumption standby in watts	0,3
Panel type	Fast IPS	ERGONOMICS		Power consumption off in watts	0,3
Backlight type	WLED	Tilt	-5/20	Energy class	E
Max Refresh rate	260Hz (OC, 240Hz Native)	REGULATORY COMPLIANCE		CB	Yes
Response time GtG	1 ms	CE	Yes	EAC	Yes
Response time MPRT	0.3 ms	FCC	Yes	UKCA	Yes
Static contrast ratio	1000:1				
Dynamic contrast ratio	80M:1				
Viewing angle (CR10)	178/178				
Display colours	16.7 Million				
Brightness in nits	300 cd/m²				
Local Dimming Zones	Global Dimming Zones				

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
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Product dimensions excl. base (WxHxD) mm	616 x 360 x 36.2
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Packaging dimensions (WxHxD) mm	690 x 480 x 124
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Gross weight incl. package (in kg)	5,5
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Net weight excl. package (in kg)	3,16
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Product without stand (kg)	2,82
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SOFTWARE

Software	G-Menu
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WHAT'S IN THE BOX

Displayport cable	1.5
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Power Cable	Yes
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OTHER INFORMATION

Warranty period	3 years
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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.