

ULTRA-SMOOTH, ULTRA-FAST, BUILT TO WIN

POWERED BY
24G50Z



Dominate every match with a 23.8" Fast IPS display, pro level 260Hz refresh rate, and lightning fast 1ms GtG / 0.3ms MPRT response. Adaptive Sync delivers tear free, stutter free gaming for seamless action. Unlock customizable game options—Gaming Mode, Game Color, Dial Point, MBR Sync, Shadow Control, and 6 axis color control—tailored to your playstyle, all easily managed through AOC G Menu. Eye friendly technologies, including Flicker Free and Low Blue Mode, reduce strain and protect your vision so you can stay sharp and comfortable through marathon sessions.

- **Fast IPS**
- **260Hz Refresh Rate**
- **0.3ms MPRT Response Time**
- **Adaptive sync**
- **Experience more immersive and vivid gameplay**
- **6 Games Mode**

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.



260HZ REFRESH RATE

260Hz 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.

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.



EXPERIENCE MORE IMMERSIVE AND VIVID GAMEPLAY

With AOC Game Color, you can adjust color saturation and grey levels across multiple levels of detail for a better game experience. Delight in more vivid MMORPG scenes, more intense FPS action, and better MOBA character details.



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.



6 GAMES MODE

Tailor your display to the game with a click of a button. Switch settings between in-built presets for FPS, racing, or RTS games, or customise your own ideal conditions and save them. The AOC Settings KeyPad makes switching profiles or adjusting features quick and easy.

GENERAL		POWER CONSUMPTION	
Model Name	24G50Z	Power supply	External
Brand	AOC	Power consumption on (typical) in watts	18,0
Channel	Gaming		
Product line	AOC Gaming		
Design family	G50		
DISPLAY INFORMATION		REGULATORY COMPLIANCE	
Screen size (inch)	23,8	CB	Yes
Pixel Pitch (mm)	0,2745	CE	Yes
Panel resolution	1920x1080	FCC	Yes
Aspect ratio	16:9		
Panel type	Fast IPS	CONNECTIVITY INFORMATION	
Backlight type	WLED	HDMI	HDMI 2.0 x 1
Max Refresh rate	260 Hz	Digital HDCP (HDMI version)	HDCP 2.2
Response time GtG	1 ms	DisplayPort	DisplayPort 1.4 x 1
Response time MPRT	0,3 ms	Audio Output	Headphone out (3.5mm)
Static contrast ratio	1000:1	DP HDCP version	HDCP 2.2
Dynamic contrast ratio	MEGA DCR	USB generation	No
Viewing angle (CR10)	178/178		
Display colours	16.7 Million	PRODUCT DIMENSIONS	
Brightness in nits	300 cd/m²	Product dimensions incl. base (WxHxD) mm	544 × 418.1 × 175
		Product dimensions excl. base (WxHxD) mm	544 × 318.5 × 36.1
VIDEO FEATURES		Packaging dimensions (WxHxD) mm	615 × 420 × 124
Flicker-Free	Flicker Free	Gross weight incl. package (in kg)	4,32
CABINET INFORMATION		Net weight excl. package (in kg)	2,49
Cabinet colour (backside)	Black	Product without stand (kg)	2,25
Vesa wallmount	100x100		
ERGONOMICS			
Tilt	-5° ~ 23°		
SUSTAINABILITY			
RoHs compliant	Yes		

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.