

ULTRA-SMOOTH,
ULTRA-FAST, BUILT TO
WIN

POWERED BY
24G50Z2



Designed for competitive gamers, the 24G50Z2 24-inch Fast IPS monitor delivers sharp Full HD visuals, an overclocked 260Hz refresh rate, and 0.3ms response time for ultra-responsive play. Adaptive Sync and flicker-free technology help keep gameplay smooth and viewing more comfortable.

- **Fast IPS**
- **260Hz Refresh Rate**
- **0.3ms MPRT Response Time**
- **Adaptive Sync Enabled**
- **Live the game at its best with HDR10**
- **Experience more immersive and vivid 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.



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.



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.



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.



GENERAL	
Model Name	24G50Z2
Brand	AOC
Channel	Gaming
Product line	AOC Gaming
Design family	G50
Launch date (ETA)	2/11/2026

DISPLAY INFORMATION	
Screen size (inch)	23,8
Flat / Curved	Flat
Display hardness	3H
Panel treatment	Antiglare (AG)
Pixel Pitch (mm)	0,2745
Pixels per Inch	93,0
Panel resolution	1920x1080
Aspect ratio	16:9
Panel type	Fast IPS
Backlight type	WLED
Max Refresh rate	260Hz (OC, 200Hz Native)
Response time GtG	1 ms
Response time MPRT	0.3 ms
Static contrast ratio	1000:1
Dynamic contrast ratio	MEGA DCR
Viewing angle (CR10)	178/178
Display colours	16.7 Million
Brightness in nits	300 cd/m²
Local Dimming Zones	Global Dimming

VIDEO FEATURES	
Sync technology (VRR)	Adaptive Sync
HDR (High Dynamic Range)	HDR Ready
Flicker-Free	Flicker Free

CABINET INFORMATION	
Bezel Colour (front)	Black
Kensington Lock	Yes
Vesa wallmount	100x100

ERGONOMICS	
Tilt	-5° ~ 23°

SUSTAINABILITY	
RoHs compliant	Yes

POWER CONSUMPTION	
Power supply	External
Power consumption on (typical) in watts	18,0
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 x1
Digital HDCP (HDMI version)	HDCP 2.2
DisplayPort	DisplayPort 1.4 x1
Audio Output	Headphone out (3,5mm)
DP HDCP version	HDCP 2.2

PRODUCT DIMENSIONS	
Product dimensions incl. base (WxHxD) mm	544 × 418.1 × 175
Product dimensions excl. base (WxHxD) mm	544 × 318.5 × 36.1
Packaging dimensions (WxHxD) mm	615 × 420 × 124
Gross weight incl. package (in kg)	4,23
Net weight excl. package (in kg)	2,42
Product without stand (kg)	2,25

 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.