AGON BY AOC

ULTRA-SMOOTH. ULTRA-FAST. BUILT TO WIN.

POWERED BY

24G50Z2



The 24G50Z2 delivers elite-level performance with a 24” FHD IPS panel, ultra-fast OC 260Hz refresh rate and 0.3ms MPRT response time. MBR Sync ensures fluid, blur-free visuals, while Shadow Control, Sniper Scope and Dial Point give you the tactical edge in every match.

- 260Hz (OC) Refresh Rate
- Fast IPS
- FHD Resolution
- Adaptive Sync Enabled
- Low Input Lag
- Live the game at its best with HDR10
- React Without Delay
- GMENU

260HZ (OC) REFRESH RATE

260Hz (OC) 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 ENABLED

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

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.



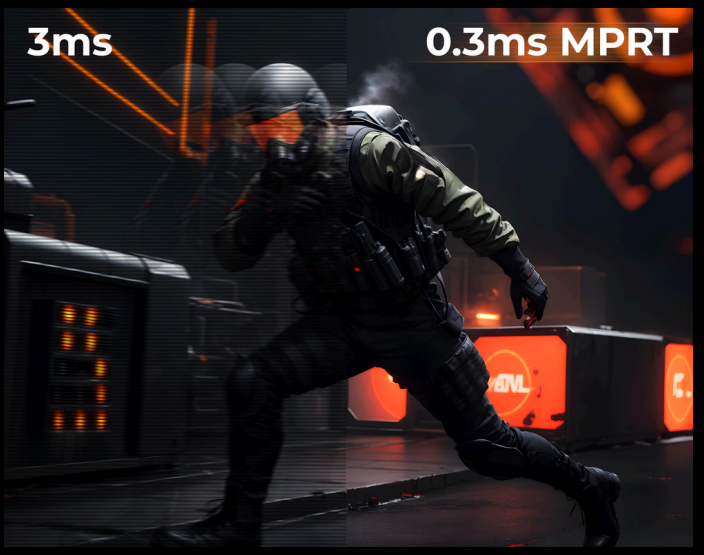


LIVE THE GAME AT ITS BEST WITH HDR10

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.

REACT WITHOUT DELAY

A 0.3ms response time minimizes ghosting and motion blur, keeping fast-moving action sharp so every input is reflected with greater precision.





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	24G50Z2
Brand	AOC
Channel	Gaming
Product line	AOC Gaming
Design family	G50
Launch date (ETA)	2/11/2026
EAN	4038986143523

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 (typical)	1 ms
Response time MPRT	0.3 ms
Static contrast ratio (typical)	1000:1
Dynamic contrast ratio	MEGA DCR
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
HDR (High Dynamic Range)	HDR Ready
Flicker-Free	Flicker Free

CABINET INFORMATION

Bezel Colour (front)	Black
Cabinet colour (backside)	Black
Kensington Lock	Yes
Vesa wallmount	100x100

ERGONOMIC INFORMATION

Tilt	-5° ~ 23°

SUSTAINABILITY

RoHs compliant	Yes

POWER CONSUMPTION

Power supply	External
Power consumption on (maximum) in watts	38.0
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 x 1
Digital HDCP (HDMI version)	HDCP 2.2
DisplayPort	DisplayPort 1.4 x 1
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.