

**AGON**  
BY AOC

UNLEASH YOUR  
POTENTIAL

POWERED BY  
**Q24G4RE**



Immerse yourself in the ultimate gaming experience with the Q24G4RE 24" QHD monitor. Enjoy crisp 2560x1440 resolution, 180Hz refresh rate, and 1ms GtG for ultra-smooth, responsive gameplay. The Fast VA panel delivers vibrant colors, while AdaptiveSync (G-Sync TBC) and Low Input Lag ensure a seamless experience. With MBR MPRT 0.5ms, 3SFL, and a battle station design, it's the perfect monitor to dominate with precision and style.

- **QHD Resolution**
- **180Hz Refresh Rate**
- **1ms Response time GTG - Grey-to-Grey**
- **Adaptive sync**
- **Live the game at its best with HDR10**
- **0.5ms MPRT - Moving Picture Response Time**

## QHD RESOLUTION

With 2560 x 1440 resolution, Quad HD (QHD) offers superior picture quality and sharp imagery that reveals the finest details. The widescreen 16:9 aspect ratio provides plenty of space to spread out and work, plus allows you to enjoy games or movies in their original size.



## 180HZ REFRESH RATE

Competitive and intense gaming demands the best technology to ensure lag-free, smoother gaming. This AGON by AOC monitor features a 180Hz refresh rate, making it 3x faster than a standard display. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making them very difficult targets to hit. A 180Hz frame rate restores those critical missing images back onto the screen, revealing enemy movements in ultra-smooth motion, letting you more easily target. With this AGON by AOC gaming monitor, you won't have to put up with input-lag and screen tearing.

## 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.



## 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.

## 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.





## 0.5MS MPRT - MOVING PICTURE RESPONSE TIME

MPRT is an acronym for moving picture response time. MPRT technology disables and enables your monitor backlight during picture changes. Through the reduced time a frame is shown on the monitor, “ghosting” and “blurring” effects are reduced, resulting in a smoother, more “fluid” feeling gaming experience.

GENERAL		DISPLAY INFORMATION		VIDEO FEATURES	
Model Name	Q24G4RE	Screen size (inch)	23,8	NVIDIA G-SYNC™	NVIDIA G-SYNC Compatible
Brand	AOC	Flat / Curved	Flat	Digital Signal Frequency Vertical	HDMI2.0: 48-144Hz / DP1.4: 48-180Hz
Channel	B2C, Gaming	Panel treatment	Antiglare (AG)	Digital Signal Frequency Horizontal	HDMI2.0: 30k-230kHz / DP1.4: 30k-270kHz
Product type	Monitor	Panel resolution	2560x1440	HDR (High Dynamic Range)	HDR 10
Product line	AOC Gaming	Aspect ratio	16:9	Colour space (sRGB) CIE 1976 %	120,8
Classification	Mainstream	Panel type	Fast IPS	Colour space (DCI-P3) CIE 1976 %	93,7
GAMING FEATURES		Backlight type	WLED	Colour space (Adobe RGB) CIE 1976 %	89,3
		Max Refresh rate	180 Hz	Flicker-Free	Flicker Free
		Response time MPRT	0.5 ms		
Gaming convenience	G-menu	Viewing angle (CR10)	178/178		
Low Input Lag	Yes	Display colours	16.7 Million		
PRODUCT DIMENSIONS		Brightness in nits	300 cd/m2		
		CONNECTIVITY INFORMATION			
		HDMI	HDMI 2.0 x1		
Product dimensions incl. base (WxHxD) mm	540.0 x 434.5 x 177.4	DisplayPort	DisplayPort 1.4 x 1		
Product dimensions excl. base (WxHxD) mm	540.0 x 325.0 x 50.6				
Packaging dimensions (WxHxD) mm	610.0 x 395.0 x 126.0				
Gross weight incl. package (in kg)	5,63				
Net weight excl. package (in kg)	3,43				
Product without stand (kg)	2,65				