

**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		VIDEO FEATURES		GAMING FEATURES	
Model Name	Q24G4RE	Sync technology (VRR)	Adaptive Sync	Gaming style	Shooters, MMORPG, Action, eSports, RTS, Beat'm up, Racing
Brand	AOC	NVIDIA G-SYNC™	NVIDIA G-SYNC Compatible	Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Channel	B2C, Gaming	Digital Signal Frequency Vertical	HDMI2.0: 48-144Hz / DP1.4: 48-180Hz	Gaming convenience	G-menu
Product line	AOC Gaming	Digital Signal Frequency Horizontal	HDMI2.0: 30k-230kHz / DP1.4: 30k-270kHz	PS5 Compatibility	2560x1440@120Hz
Design family	G4	HDR (High Dynamic Range)	HDR 10	Xbox X Compatibility	2560x1440@120Hz
EAN	4038986142731	Blue Light Technology	Low Blue Light	Xbox S Compatibility	2560x1440@120Hz
DISPLAY INFORMATION		COLOUR SPACE		SUSTAINABILITY	
Screen size (inch)	23,8	Colour space (sRGB) CIE 1976 %	120,8	TCO Certified	No
Screen size (cm)	60,5	Colour space (DCI-P3) CIE 1976 %	93,7	WEEE	Yes
Flat / Curved	Flat	Colour space (Adobe RGB) CIE 1976 %	89,3	REACH compliant	Yes
Panel treatment	Antiglare (AG)	Flicker-Free	Flicker Free	RoHs compliant	Yes
Pixels per Inch	123,41	CABINET INFORMATION		PVC/BFR free housing	Yes
Panel resolution	2560x1440	Bezel Colour (front)	Black	Mercury free	Yes
Aspect ratio	16:9	Cabinet colour (backside)	Black, Red	Recyclable packaging material	100 % recyclable
Panel type	Fast IPS	Cabinet finishing (backside)	Matt	Carton material	Paper
Backlight type	WLED	Removable stand	Yes	POWER CONSUMPTION	
Max Refresh rate	180 Hz	Kensington Lock	Yes	Power supply	Internal
Response time GtG	1 ms	Vesa wallmount	100x100	Power consumption on (typical) in watts	21,0
Response time MPRT	0.5 ms	ERGONOMICS		Power consumption standby in watts	0,3
Static contrast ratio	1000:1	Tilt	-5 (+3/-0) ~ +23 (-3/+0)	Power consumption off in watts	0,3
Viewing angle (CR10)	178/178			Energy class	E
Display colours	16.7 Million				
Brightness in nits	300 cd/m2				

## CONNECTIVITY INFORMATION

HDMI	HDMI 2.0 x 1
DisplayPort	DisplayPort 1.4 x 1
Audio Output	Headphone out (3.5mm)

## PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	540.0 x 434.5 x 177.4
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Product dimensions excl. base (WxHxD) mm	540.0 x 325.0 x 50.6
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Packaging dimensions (WxHxD) mm	610.0 x 395.0 x 126.0
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Gross weight incl. package (in kg)	5,63
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Net weight excl. package (in kg)	3,43
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Product without stand (kg)	2,65
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## WHAT'S IN THE BOX

HDMI cable	1x
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Displayport cable	1x
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Power Cable	Yes
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## OTHER INFORMATION

Warranty period	3 years
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