

## Dominate every frame with the Q24B36X 24" QHD gaming monitor

Experience smooth gameplay on the Q24B36X with a 144Hz refresh rate, 0.5ms MPRT response time, and IPS clarity. Featuring HDR10 and AdaptiveSync technology, it delivers vivid visuals and tear-free performance for competitive and immersive gaming.



## Features



### 144Hz Refresh Rate

Equip yourself with twice the frame rate of other monitors and say goodbye to image stuttering and blurry motion. With a 144Hz refresh rate every frame is rendered sharply and in smooth succession, so you can line up your shots accurately and appreciate high speed races in all their glory.



### 0.5msMPRT - 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.



### 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.



### IPS Panel

IPS panel ensures an excellent viewing experience with lifelike yet brilliant and accurate colors. Colors look consistent no matter from which angle you look at the display.



### 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.



### 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.

GENERAL		VIDEO FEATURES		POWER CONSUMPTION	
Model Name	Q24B36X	Sync technology (VRR)	Adaptive Sync	Power supply	External
Brand	AOC	Digital Signal Frequency Vertical	48-144Hz	Power consumption on (typical) in watts	18,0
Channel	B2C	Digital Signal Frequency Horizontal	30k-160kHz	Power consumption standby in watts	0,3
Product line	Basic-line	HDR (High Dynamic Range)	HDR 10	Power consumption off in watts	0,3
Design family	B3	Blue Light Technology	Low Blue Light		
Launch date (ETA)	1/1/2026	Colour space (sRGB) CIE 1976 %	128,8		
EAN	4038986143196	Colour space (DCI-P3) CIE 1976 %	95,8		
DISPLAY INFORMATION		Colour space (Adobe RGB) CIE 1976 %	91,6		
Screen size (inch)	23,8	Flicker-Free	Flicker Free		
Screen size (cm)	60,5				
Flat / Curved	Flat				
Display hardness	6H				
Panel treatment	Antiglare (AG)				
Pixel Pitch (mm)	0,2058				
Pixels per Inch	123,41				
Panel resolution	2560x1440				
Aspect ratio	16:9				
Panel type	IPS				
Backlight type	WLED				
Max Refresh rate	144 Hz				
Response time GtG	4 ms				
Response time MPRT	0.5 ms				
Static contrast ratio	1300:1				
Dynamic contrast ratio	20M:1				
Viewing angle (CR10)	178/178				
Display colours	16.7M (8bits)				
Brightness in nits	300 cd/m <sup>2</sup>				
CABINET INFORMATION					
Bezel Colour (front)	Black				
Cabinet colour (backside)	Black				
Cabinet finishing (backside)	Texture				
Removable stand	Yes				
Kensington Lock	Yes				
Vesa wallmount	100x100				
ERGONOMICS					
Tilt	-5/21				
REGULATORY COMPLIANCE					
CB	Yes				
CE	Yes				
TUV-Bauart-Mark	Yes				
ISO 9241-307	Yes				
EAC	Yes				
FCC	Yes				
UKCA	Yes				
CONNECTIVITY INFORMATION					
HDMI	HDMI 2.0 x 1				
Digital HDCP (HDMI version)	HDCP 1.4/2.2				
DisplayPort	DisplayPort 1.4 x 1				
Audio Output	Headphone out (3.5mm)				
DP HDCP version	HDCP 1.4/2.2				

## PRODUCT DIMENSIONS (METRIC)

Product dimensions incl. base (WxHxD) mm	544 x 414.5 x 198
Product dimensions excl. base (WxHxD) mm	544 x 318.5 x 35.1
Packaging dimensions (WxHxD) mm	610 x 378 x 124
Gross weight incl. package (in kg)	4,65
Product with stand (kg)	2,52
Product without stand (kg)	2,21

## WHAT'S IN THE BOX

HDMI cable	1.5
Power Cable	Yes
Power adaptor	Yes

## OTHER INFORMATION

Warranty period	3 years
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