

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.



0.5ms 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.



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 colours. Colours 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	23,0
Channel	B2C	Digital Signal Frequency Horizontal	30k-230kHz	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	Energy class	D
Launch date (ETA)	1/1/2026	Colour space (sRGB) CIE 1976 %	114,7	REGULATORY COMPLIANCE	
EAN	4038986143196	Colour space (DCI-P3) CIE 1976 %	88,8	CB	Yes
DISPLAY INFORMATION		Colour space (Adobe RGB) CIE 1931 %	98,7	CE	Yes
Screen size (inch)	23,8	Flicker-Free	Flicker Free	TUV-Bauart-Mark	Yes
Screen size (cm)	60,5	CABINET INFORMATION		ISO 9241-307	Yes
Flat / Curved	Flat	Bezel Colour (front)	Black	EAC	Yes
Display hardness	6H	Cabinet colour (backside)	Black	FCC	Yes
Panel treatment	Antiglare (AG)	Cabinet finishing (backside)	Texture	UKCA	Yes
Pixel Pitch (mm)	0,2058	Removable stand	Yes	CONNECTIVITY INFORMATION	
Pixels per Inch	123,41	Kensington Lock	Yes	HDMI	HDMI 2.0 x 1
Panel resolution	2560x1440	Vesa wallmount	100x100	Digital HDCP (HDMI version)	HDCP 1.4/2.2
Aspect ratio	16:9	ERGONOMICS		DisplayPort	DisplayPort 1.4 x 1
Panel type	IPS	Tilt	-5/21	Audio Output	Headphone out (3.5mm)
Backlight type	WLED			DP HDCP version	HDCP 1.4/2.2
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 ²				

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	542.4 x 417.1 x 197.9
Product dimensions excl. base (WxHxD) mm	542.4 x 317.8 x 34.8
Packaging dimensions (WxHxD) mm	610 x 378 x 124
Gross weight incl. package (in kg)	4,55
Net weight excl. package (in kg)	2,5
Product without stand (kg)	2,23

WHAT'S IN THE BOX

HDMI cable	1.5
Power Cable	Yes
Power adaptor	Yes

OTHER INFORMATION

Warranty period	3 years
-----------------	---------