

Dominate every frame with the Q27B36X 27" QHD gaming monitor

Experience smooth gameplay on the Q27B36X 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



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.

Experience enhanced visuals with HDR10

HDR10 technology takes picture quality to the next level, seamlessly enhancing the synchronization between your device and monitor. Enjoy vibrant, true-to-life visuals with enhanced depth, clarity, and color accuracy—perfect for creating an immersive and smooth viewing experience. Whether you're working, watching movies, or simply enjoying high-definition content, HDR10 makes every moment sharper and more engaging.

GENERAL	
Model Name	Q27B36X
Brand	AOC
Channel	B2C
Product line	Basic-line
Design family	B3
Launch date (ETA)	1/1/2026
EAN	4038986183208
DISPLAY INFORMATION	
Screen size (inch)	27,0
Screen size (cm)	68,6
Flat / Curved	Flat
Display hardness	6H
Panel treatment	Antiglare (AG)
Pixel Pitch (mm)	0,2331
Pixels per Inch	108,79
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	1500:1
Dynamic contrast ratio	20M:1
Viewing angle (CR10)	178/178
Display colours	16.7 Million
Brightness in nits	300 cd/m ²

VIDEO FEATURES	
Sync technology (VRR)	Adaptive Sync
Digital Signal Frequency Vertical	48-144Hz
Digital Signal Frequency Horizontal	30k-230kHz
HDR (High Dynamic Range)	HDR 10
Blue Light Technology	Low Blue Light
Colour space (sRGB) CIE 1976 %	118,5
Colour space (DCI-P3) CIE 1976 %	92,1
Colour space (Adobe RGB) CIE 1976 %	87,7
Flicker-Free	Flicker Free

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

POWER CONSUMPTION	
Power supply	External
Power consumption on (typical) in watts	21,0
Power consumption standby in watts	0,3
Power consumption off in watts	0,3
Energy class	E

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

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	616 x 447.4 x 205.6
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Product dimensions excl. base (WxHxD) mm	616 x 358.8 x 36.2
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Packaging dimensions (WxHxD) mm	690 x 447 x 124
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Gross weight incl. package (in kg)	5,4
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Net weight excl. package (in kg)	3,14
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Product without stand (kg)	2,86
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WHAT'S IN THE BOX

HDMI cable	1.5
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Power Cable	Yes
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Power adaptor	Yes
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OTHER INFORMATION

Warranty period	3 years
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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.