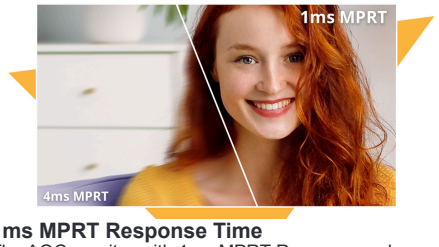
27B3QA2

27" QHD Display with 120Hz and Adaptive Sync

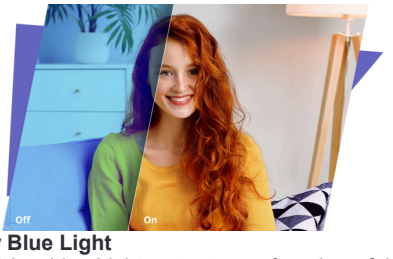
The AOC 27B3QA2 delivers stunning 27" QHD visuals with a 120Hz refresh rate, 1ms MPRT, and Adaptive Sync for smooth, tear-free performance. Enjoy added convenience with built-in 2W speakers, narrow borders, and eye-friendly low blue light and flicker-free technology.

Features



1ms MPRT Response Time
The AOC monitor with 1ms MPRT Response reduces significantly the motion blur, making fast-paced action look crisp and clear, providing an edge in reaction-sensitive games. More than speed, the AOC monitor with a 1ms MPRT is a seamless, fluid motion that immerses you in the virtual world. Whether navigating through a fast-paced racing game or engaged in a high-stakes battle, every millisecond counts.

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.



Low Blue Light
AOC Lowblue Light protects you from harmful blue light which, during long sessions, has been shown to cause eye strain, headaches, and sleeping disorders. Our Lowblue Light feature reduces the harmful wavelengths emitted without sacrificing color composition, setting the experience free from the worry of eye damage.

Flicker Free
AOC Flicker-Free Technology utilises a DC (Direct Current) backlight panel, reducing flickering light levels. With eye strain and fatigue absolutely minimized, feel free to enjoy those long, intense gaming sessions in comfort!

Speakers
Built-in speakers make it easy to catch up with family, friends and colleagues. For movies, music, games and more, you'll enjoy quality audio without the hassle of connecting external speakers.

120Hz Refresh Rate
Equip yourself with twice the frame rate of other monitors and say goodbye to image stuttering and blurry motion. With a 120Hz 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.

GENERAL

Model Name	27B3QA2
EAN	4038986182201
Channel	B2C
Product line	Basic-line
Design family	B3
Launch date (ETA)	12/1/2024

EXTERIOR

Bezel type (front)	4 side like
Bezel Colour (front)	Black
Bezel finishing (front)	Texture
Cabinet colour (backside)	Black
Cabinet finishing (backside)	Texture

ERGONOMICS

Vesa wallmount	100x100
Tilt	-5/25

SUSTAINABILITY

TCO Certified	No
Energy star	Energy star 8

FEATURES

Sync technology (VRR)	Adaptive Sync
Blue Light Technology	Anti Blue Light
Flicker-Free	Flicker Free
Kensington Lock	Yes

SCREEN

Screen size (inch)	27,0
Screen size (cm)	68,6
Flat / Curved	Flat
Display hardness	3H
Panel treatment	Antiglare (AG)
Panel resolution	1920x1080
Resolution name	FHD
Aspect ratio	16:9
Panel type	IPS
Backlight type	WLED
Max Refresh rate	120 Hz
Response time GtG	4 ms
Response time MPRT	1 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/m2
Pixel Pitch (mm)	0,3114
Pixels per Inch	82,0

POWER / ENVIRONMENTAL

Power supply	Internal
Power source	100 - 240V 50/60Hz
Power consumption standby in watts	0,5
Power consumption off in watts	0,3
Energy class	E

WHAT'S IN THE BOX

HDMI cable	1.5
Power Cable	Yes

CONNECTIVITY AND MULTIMEDIA

HDMI	HDMI 1.4 x 1
DisplayPort	DisplayPort 1.2 x 1
D-SUB (VGA)	1x
Speakers	Yes
Speaker power	2 W x 2
Audio Output	Headphone out (3.5mm)

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	616.6 x 452.9 x 229.5
Product dimensions excl. base (WxHxD) mm	616.6 x 356.7 x 45.3
Packaging dimensions (WxHxD) mm	690 x 453 x 142
Gross weight incl. package (in kg)	6,57
Net weight excl. package (in kg)	3,98