

High-performance clarity with 27" FHD monitor featuring 100Hz refresh rate and HDMI

Experience visuals like never before with the AOC B3 Series, featuring a stunning 27" FHD VA display that transforms your viewing experience into a visual masterpiece. Enjoy yourself in the heart of action with a dynamic 100Hz refresh rate, complemented by an ultra-responsive 1ms MPRT for unmatched clarity and precision. Connectivity made effortless: equipped with HDMI, seamlessly connect your devices to unlock a world of entertainment and productivity. Enjoy tear-free visuals with courtesy of the Adaptive Sync technology that adds a new dimension to your content. Not just a monitor, but an auditory delight – 27B3HMA2 comes with integrated 2W speakers, adding a layer of immersive sound to your multimedia adventures. Prioritize your well-being with Low Blue Light technology and embrace a three-sided frameless design for a captivating, distraction-free display.



Features



HDMI
HDMI (High-Definition Multimedia Interface) is supported by the current gaming consoles, current GPUs, set-top boxes, supporting the HDCP digital content protection system. HDMI 1.3-1.4b versions support up to 144 Hz refresh rate@1080p and 75 Hz@1440p, while HDMI 2.0-2.0b versions support 240Hz@1080p, 144Hz@1440p and 60 Hz@2160p (4K).



Frameless design

Besides looking modern and attractive, frameless designs enable seamless multi-monitor setups. Your cursor/windows will not be lost anymore in the dark abyss of bezels, when many displays are placed side by side.



100Hz Refresh Rate

Equip yourself with twice the frame rate of other monitors and say goodbye to image stuttering and blurry motion. With a 100Hz 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.



FHD Resolution

Want to watch a Blu-ray movie in full quality, enjoy games in high resolution or read crisp text in office applications? Thanks to its Full HD resolution of 1920 x 1080 pixels, this monitor lets you do just that. Whatever you are viewing, with Full HD it will be displayed in rich detail without requiring a high-end graphics card or consuming a lot of your system's resources.

Wide Viewing Angle

Wide Viewing Angle features display color accurately at viewing angles of up to 178°. This way, it does not matter where you choose to view it from, colors will be displayed perfectly.

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.

GENERAL	
Model Name	27B3HMA2
EAN	4038986181549
Channel	B2C
Product line	Basic-line
Design family	B3

EXTERIOR	
Bezel type (front)	3-sided frameless
Bezel Colour (front)	Black
Bezel finishing (front)	Texture
Cabinet colour (backside)	Black
Cabinet finishing (backside)	Texture

ERGONOMICS	
Vesa wallmount	100x100
Tilt	-5 (+3/-0) ~ +23 (-3/+0)

FEATURES	
Sync technology (VRR)	Adaptive Sync
Blue Light Technology	Low Blue Light
Flicker-Free	Flicker Free
KVM	No
Kensington Lock	Yes
Colour space (sRGB) CIE 1976 %	96,5
Colour space (DCI-P3) CIE 1931 %	74,8
Colour space (DCI-P3) CIE 1976 %	76,9
Colour space (Adobe RGB) CIE 1931 %	75,2
Colour space (Adobe RGB) CIE 1976 %	82,7

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	VA
Backlight type	WLED
Max Refresh rate	100 Hz
Response time GtG	4 ms
Response time MPRT	1 ms
Static contrast ratio	4000:1
Dynamic contrast ratio	20M:1
Viewing angle (CR10)	178/178
Display colours	16.7M (8bits)
Brightness in nits	250 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
Digital HDCP (HDMI version)	HDCP 1.4
RJ45	No
D-SUB (VGA)	1x
DVI	0x
Speakers	Yes
Speaker power	2 W x 2
Audio Output	Headphone out (3.5mm)
Monitor Webcam	No

PRODUCT DIMENSIONS	
Product dimensions incl. base (WxHxD) mm	614.0 x 460.0 x 229.8
Product dimensions excl. base (WxHxD) mm	614.0 x 363.8 x 44.7
Packaging dimensions (WxHxD) mm	690 x 453 x 142
Gross weight incl. package (in kg)	6,21
Net weight excl. package (in kg)	3,71
Gross weight incl. package (in kg) (CN)	6,21
Product without stand (kg)	3,26