

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

Introducing the newest addition to the B3 line— a brilliant 27-inch display featuring an IPS panel for breathtaking visuals with 1920 x 1080 resolution and 100Hz refresh rates. If you're looking for a compact sized monitor but bigger than 23.8-inch, the 27B3CA2 is the ideal choice. Also, it provides USB-C which means it is possible to utilize video signals, power delivery and data transfer at the same time which will improve your productivity. Whether you're working or studying, enjoy a more comfortable and enjoyable viewing experience with the expansive screen size of the 27B3CA2.

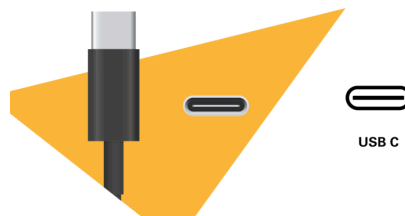


## Features



### 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.



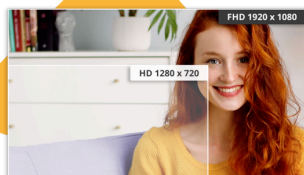
### USB-C

Simplify the connections with one cable only. The USB-C connection provides DisplayPort Alternate Mode for transferring high-resolution video signals from a notebook to the monitor while simultaneously charging the notebook's battery from the monitor with USB power delivery. Additionally, the USB 3.1 ensures lightning-fast data transmission, so even transferring a 4K movie can be done in less than one minute.



### 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).



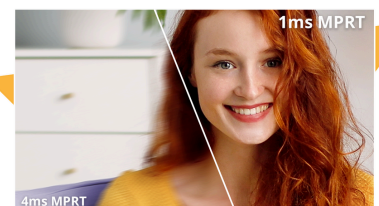
### FHD Resolution

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.



### 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.



### 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.

GENERAL	
Model Name	27B3CA2
EAN	4038986181471
Channel	B2C
Product line	Basic-line
Design family	B3

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 (+3/-0) ~ +23 (-3/+0)

SUSTAINABILITY	
TCO Certified	No
Energy star	Energy star 8

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 %	101,4
Colour space (DCI-P3) CIE 1931 %	75,0
Colour space (DCI-P3) CIE 1976 %	80,7
Colour space (Adobe RGB) CIE 1931 %	75,4
Colour space (Adobe RGB) CIE 1976 %	86,9

SCREEN	
Screen size (inch)	27,0
Screen size (cm)	68,58
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	100 Hz
Response time GtG	4 ms
Response time MPRT	1 ms
Static contrast ratio	1300:1
Dynamic contrast ratio	20M:1
Viewing angle (CR10)	178/178
Display colours	16.7M (6bits+FRC)
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
USB-C to C cable	1.8
Power Cable	Yes

CONNECTIVITY AND MULTIMEDIA	
HDMI	HDMI 1.4 x 1
Digital HDCP (HDMI version)	HDCP 1.4
USB-C connectivity	USB-C 3.2 x 1 (DP alt mode, upstream, power delivery up to 65 W)
USB Hub	Yes
USB generation	USB 3.2 (Gen 1)
USB type downstream	2
USB fast charge port	Yes
RJ45	No
DVI	0x
Speakers	Yes
Speaker power	2 W x 2
Built-in Microphone	No
Audio Output	Headphone out (3.5mm)

PRODUCT DIMENSIONS (METRIC)	
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 45.4
Packaging dimensions (WxHxD) mm	690 x 453 x 142
Packaging dimensions (WxHxD) mm (CN)	690 x 453 x 142
Gross weight incl. package (in kg)	4,43
Product with stand (kg)	6,93
Gross weight incl. package (in kg) (CN)	6,93
Product without stand (kg)	4,05