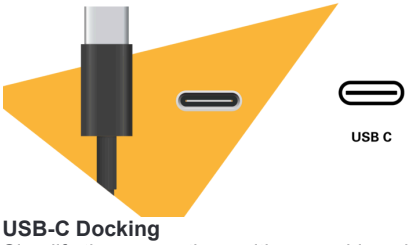
27B3CF2

Compact brilliance with USB-C connectivity and Height-Adjustable Stands for enhanced productivity

Introducing the newest addition to the B3 line– a brilliant 27-inch display featuring an IPS panel for breathtaking visuals and true-to-life colors. If you're looking for something larger than 23.8 inches, the 27B3CF2 is the ideal choice. With USB-C implementation, video signal, power delivery and data transfer are possible at the same time. The monitor boasts the same features as the 24B3CF2, which means it provides height-adjustable stands, seamlessly integrating ergonomic features into your workspace. With the ability to customize the height according to your preferences, you can achieve the perfect viewing angle, reducing strain on your neck and eyes during extended work or studying sessions. Whether you're working or studying, enjoy a more comfortable and enjoyable viewing experience with the expansive screen size of the 27B3CF2.

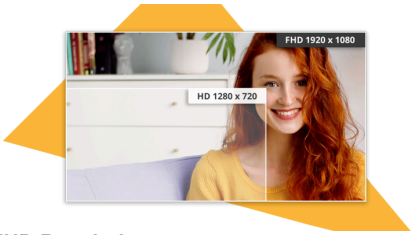
Features



USB-C Docking
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.

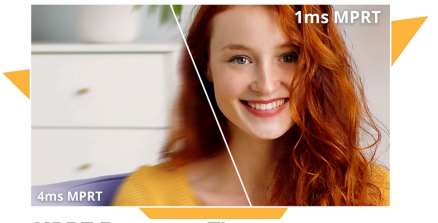
100Hz Refresh Rate
Equip yourself with twice the frame rate of other monitors and say goodbye to image stuttering and blurry motion. With a 100Hz refresh rate every frame is rendered sharply and in smooth succession, so you can line up your shots accurately and appreciate high speed races in all their glory.

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	27B3CF2
EAN	4038986181457
Channel	B2C
Product line	Basic-line
Design family	B3
Launch date (ETA)	1/1/2024

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
Swivel	No
Pivot	No
Height adjust (mm)	110mm

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)	68,6
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	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 (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
USB-C to C cable	1.8
RS232	No
Power Cable	Yes
Color and brightness uniformity report in box	No

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
D-SUB (VGA)	0x
DVI	0x
Speakers	Yes
Speaker power	2 W x 2
Built-in Microphone	No
Audio Output	Headphone out (3.5mm)
MonitorWebcam	No

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	616.6 x (398.6-508.6) x 229.8
Product dimensions excl. base (WxHxD) mm	616.6 x 356.7 x 45.3
Packaging dimensions (WxHxD) mm	820 x 481 x 162
Packaging dimensions (WxHxD) mm (CN)	820 x 481 x 162
Gross weight incl. package (in kg)	8,71
Net weight excl. package (in kg)	5,56
Gross weight incl. package (in kg) (CN)	8,71
Product without stand (kg)	4,03