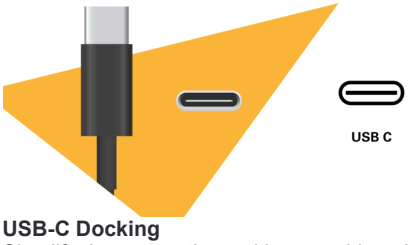
27B3CF2

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.

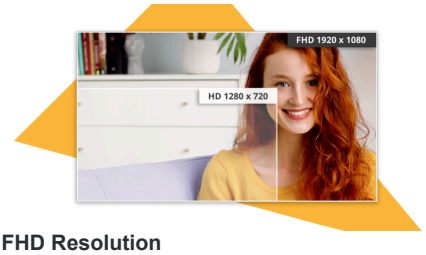
Features



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.

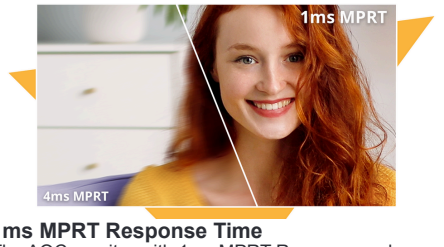
100Hz Refresh Rate
Equip yourself with twice the frame rate of other monitors and say goodbye to image stuttering and blurry motion. With a 100Hz refresh rate every frame is rendered sharply and in smooth succession, so you can line up your shots accurately and appreciate high speed races in all their 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
Brand	AOC
Channel	B2C
Product line	Basic-line
Design family	B3
Launch date (ETA)	1/1/2024
EAN	4038986181457

DISPLAY INFORMATION	
Screen size (inch)	27,0
Screen size (cm)	68,6
Flat / Curved	Flat
Display hardness	3H
Panel treatment	Antiglare (AG)
Pixel Pitch (mm)	0,3114
Pixels per Inch	82,0
Panel resolution	1920x1080
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
Local Dimming Zones	Global Dimming

VIDEO FEATURES	
Sync technology (VRR)	Adaptive Sync
Digital Signal Frequency Vertical	48 - 110Hz
Digital Signal Frequency Horizontal	30k - 115kHz
Blue Light Technology	Low Blue Light
Colour space (sRGB) CIE 1931 %	101,8
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
Flicker-Free	Flicker Free
KVM	No

CABINET INFORMATION	
Bezel Colour (front)	Black
Cabinet colour (backside)	Black
Cabinet finishing (backside)	Texture
Removable stand	Yes
Speaker power	2 W x 2
Built-in speakers fire direction	Back fire
Kensington Lock	Yes
Vesa wallmount	100x100
MonitorWebcam	No

ERGONOMICS	
Tilt	-5 / +25
Height adjust (mm)	110mm
Swivel	No
Pivot	No

SUSTAINABILITY	
TCO Certified	No
Energy star	Energy star 8
WEEE	Yes
REACH compliant	Yes
RoHs compliant	Yes
PVC/BFR free housing	Yes
Mercury free	Yes
Recycable packaging material	100 % recycable
Carton material	Paper

POWER CONSUMPTION	
Power supply	Internal
Power consumption on (typical) in watts	35,0
Power consumption standby in watts	0,5
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

CONNECTIVITY INFORMATION	
HDMI	HDMI 1.4 x 1
Digital HDCP (HDMI version)	HDCP 1.4
USB Hub	Yes
USB type downstream	2 x USB-A
USB fast charge port	Yes
Audio Output	Headphone out (3.5mm)
mini USB (for external keypad)	No
USB Type upstream	1x USB-C (DP Alt Mode), USB-C PD:65W
USB generation	USB 3.2 (Gen 1)
D-SUB (VGA)	0x
DVI	0x
RJ45	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
Gross weight incl. package (in kg)	8,71
Net weight excl. package (in kg)	5,56
Product without stand (kg)	4,03

WHAT'S IN THE BOX	
HDMI cable	1.5
USB-C to C cable	1.8
Power Cable	Yes

OTHER INFORMATION	
Warranty period	3 years