

27B3CF2

Empower your view, connect smart

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.

GENERAL	
Model Name	27B3CF2
Brand	AOC
Channel	B2C
Product type	Monitor
Product line	Basic-line
Design family	B3
Classification	Hero
Launch date (ETA)	2024-01-01T14:46:00

OTHER INFORMATION	
EAN	4038986181457
OSD languages	English, Ukranian, Turkish, Polish, German, Portuguese, Spanish, French, Finnish, Korean, Japanese, Chinese (simplified), Chinese (traditional), Swedish, Dutch, Italian, Kroatian, Russian, Czech
Warranty period	3 years
Accessory box	No
Operation System	Windows 8.1/10/11, MacOS
OSD type	AOC Gaming
Plug & Play Compatibility	Yes, DDC/CI

DISPLAY INFORMATION	
Screen size (inch)	27
Screen size (cm)	68.6
Flat / Curved	Flat
Curvature Radius	Flat
Display hardness	3H
Panel treatment	Antiglare (AG)
Pixel Pitch	0.3114
Pixels per Inch	82
Panel resolution	1920x1080
Resolution name	FHD
Aspect ratio	16:9
Panel type	IPS
Backlight type	WLED
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
OD Response (typical)	4 ms GtG
Panel Haze Value	25%
Picture enhancement (Smartimage)	Yes
Support 1:1 function	No
Panel PPI	82
Local Dimming Zones	Global Dimming

VIDEO FEATURES	
Sync technology (VRR)	Adaptive Sync
Digital Signal Frequency Vertical	48 - 110Hz
Digital Signal Frequency Horizontal	30k - 115kHz
HDR (High Dynamic Range)	HDR Mode
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
Colour space (DCI-P3) CIE 1976 %	80.7
Colour space (Adobe RGB) CIE 1931 %	75.4
Colour space (Adobe RGB) CIE 1976 %	86.9
Colour space (NTSC) CIE 1931 %	72.1
Colour space (NTSC) CIE 1976 %	88.4
Colour space (BT 709) CIE 1931 %	101.8
Colour space (BT 709) CIE 1976 %	101.4
Colour space (BT 2020) CIE 1931 %	53.8
Colour space (BT 2020) CIE 1976 %	58.8
Flicker-Free	Flicker Free
KVM	No

CABINET INFORMATION	
Bezel type (front)	Ultra Narrow
Bezel Colour (front)	Black
Bezel finishing (front)	Texture
Cabinet colour (backside)	Black
Cabinet finishing (backside)	Texture
Light FX (RGB)	No
LED Logo Projector	No
Removable stand	Yes
Speakers	Yes
Speaker power	2 W x 2
Built-in Microphone	No
Kensington Lock	Yes
Vesa wallmount	100x100
Quick release function	No
Sound enhancement	No
VESA Mount screw Spec	M4 x 10
VESA Mount Support	Yes
MonitorWebcam	No

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

CONNECTIVITY INFORMATION	
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 Display Link	No
HDMI (MHL)	No
USB Hub	Yes
USB Hub speed	USB 3.2 (Gen 1)
USB downstream ports	2
USB fast charge port	Yes
Audio Output	Headphone out (3.5mm)
Audio Input	No
Microphone in	No
Displaylink in	No
mini USB (for external keypad)	No
Thunderbolt in	0x
Thunderbolt out	0x
PD for USB C/TBT	USB C1 : PD=65W, PD3.0, 5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/3.25A
USB Hub up stream	1 x USB3.2 type C Gen 1, 5 Gbit/s
Microphone out	No
D-SUB (VGA)	0x
DVI	0x
RJ45	No

SUSTAINABILITY	
TCO Certified	No
EPA (latest version)	No
Halogen free	No
CEC	No
Carton material	Paper
Carton material print	Water Print (Brown Carton)

POWER CONSUMPTION	
Power supply	Internal
Power source	100 - 240V 50/60Hz
Power consumption on (maximum) in watts	135
Power consumption on (typical) in watts	35
Power consumption standby in watts	0.5
Power consumption off in watts	0.3
Power LED indicator (Operation)	White/Blue
Power LED indicator (Standby)	Orange
Power Switch	No
Smart Power	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 45.3 x 356.7
Packaging dimensions (WxHxD) mm	820 x 162 x 481
Packaging dimensions (WxHxD) mm (CN)	820 x 162 x 481
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

WHAT'S IN THE BOX	
HDMI cable	1.5
USB-C to C cable	1.8
RS232	No
Power Cable	Yes
Power adaptor	Yes
Color and brightness uniformity report in box	No

GAMING FEATURES	
Low Input Lag	No

SOFTWARE & DOWNLOADS	
eyeComfort (TUV) software	No
Low Blue logo (TUV) software	No

ACOUSTICS	
Noise canceling	No