

27B3CA2

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 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.

GENERAL	
Model Name	27B3CA2
Brand	AOC
Channel	B2C
Product type	Monitor
Product line	Basic-line
Design family	B3
Classification	Hero

OTHER INFORMATION	
EAN	4038986181471
MTBF	30.000 hours

DISPLAY INFORMATION	
Screen size (inch)	27
Screen size (cm)	68.58
Flat / Curved	Flat
Display viewing Area (HxW) in mm	527,04 x 296,46
Panel treatment	Antiglare (AG)
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 (6bits+FRC)
Brightness in nits	250 cd/m2
Panel Haze Value	25%
Support 1:1 function	No
Panel PPI	82 PPI (27"/1920x1080)
Local Dimming Zones	Global Dimming

VIDEO FEATURES	
Sync technology (VRR)	Adaptive Sync
Digital Signal Frequency Vertical	48-100Hz
Digital Signal Frequency Horizontal	30k-115kHz
HDR (High Dynamic Range)	HDR Mode
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
eyeSafe (TUV) hardware	No
KVM	No

CABINET INFORMATION	
Light FX (RGB)	No
Speakers	Yes
Speaker power	2 W x 2
Built-in Microphone	No
Kensington Lock	Yes
Vesa wallmount	100x100
Quick release function	Yes
Sound enhancement	No
VESA Mount screw Spec	M4 x 10
VESA Mount Support	Yes

CONNECTIVITY INFORMATION	
HDMI	HDMI 1.4 x 1
Digital HDCP (HDMI version)	HDCP 1.4
Display Port	DisplayPort 1.2 x 1
USB-C connectivity	USB-C (DP Alt mode) x 1
Audio Output	1x Audio out combine with microphone
Microphone in	Yes
mini USB (for external keypad)	No
MST / Daisy chain (DP out or TBT out)	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	No
Microphone out	No
DVI	0x
RJ45	No

POWER CONSUMPTION	
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

PRODUCT DIMENSIONS	
Product dimensions incl. base (WxHxD) mm	616.6 x 452.9 x 229.5
Product dimensions excl. base (WxHxD) mm	616.6 x 45.4x 356.7
Packaging dimensions (WxHxD) mm	690 x 142 x 453
Packaging dimensions (WxHxD) mm (CN)	690 x 142 x 453
Gross weight incl. package (in kg)	4.43
Net weight excl. package (in kg)	6.93
Gross weight incl. package (in kg) (CN)	6.93
Product without stand (kg)	4.05

GAMING FEATURES	
Low Input Lag	No