AOC

27B3HMA2

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

Experience visuals like never before with the AOC B3 Series, featuring a stunning 27"" FHD VA display that transforms your viewing experience into a visual masterpiece. Enjoy yourself in the heart of action with a dynamic 100Hz refresh rate, complemented by an ultra-responsive 1ms MPRT for unmatched clarity and precision. Connectivity made effortless: equipped with HDMI, seamlessly connect your devices to unlock a world of entertainment and productivity. Enjoy tear-free visuals with courtesy of the Adaptive Sync technology that adds a new dimension to your content. Not just a monitor, but an auditory delight – 27B3HMA2 comes with integrated 2W speakers, adding a layer of immersive sound to your multimedia adventures. Prioritize your well-being with Low Blue Light technology and embrace a three-sided frameless design for a captivating, distraction-free display.

GENERAL	
Model Name	27B3HMA2
Brand	AOC
Channel	B2C
Product type	Monitor
Product line	Basic-line
Design family	B3
Classification	Mainstream

OTHER INFORMATION

EAN	4038986181549
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
MTBF	50.000 hours
Accessory box	No
Operation System	Windows 8.1/10/11, MacOS
OSD type	Normal
Plug & Play Compatibility	Yes, DDC/CI

DISPLAY INFORMATION

Screen size (inch)	27
Screen size (cm)	68.6
Flat / Curved	Flat
Display hardness	3H
Panel treatment	Antiglare (AG)
Pixel Pitch (mm)	0.3114
Pixels per Inch	82
Panel resolution	1920x1080
Resolution name	FHD
Aspect ratio	16:9
Panel type	VA
Backlight type	WLED
Max Refresh rate	100 Hz
Response time GtG	4 ms
Response time MPRT	1 ms
Static contrast ratio	4000:1
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 PPI	82
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
Blue Light Technology	Low Blue Light
Colour space (sRGB) CIE 1931 %	101.5
Colour space (sRGB) CIE 1976 %	96.5
Colour space (DCI-P3) CIE 1931 %	74.8
Colour space (DCI-P3) CIE 1976 %	76.9
Colour space (Adobe RGB) CIE 1931 %	75.2
Colour space (Adobe RGB) CIE 1976 %	82.7
Colour space (NTSC) CIE 1931 %	71.9
Colour space (NTSC) CIE 1976 %	84.1
Colour space (BT 709) CIE 1931 %	101.5
Colour space (BT 709) CIE 1976 %	96.5
Colour space (BT 2020) CIE 1931 %	53.7
Colour space (BT 2020) CIE 1976 %	56
Flicker-Free	Flicker Free
eyeSafe (TUV) hardware	No
KVM	No

CABINET INFORMATION

Bezel type (front)	3-sided frameless
Bezel Colour (front)	Black
Bezel finishing (front)	Texture
Light FX (RGB)	No
Removable stand	Yes
Speakers	Yes
Speaker power	2 W x 2
Kensington Lock	Yes
Vesa wallmount	100x100
Quick release function	No
Sound enhancement	No
VESA Mount screw Spec	M4 x 10
MonitorWebcam	No

ERGONOMIC INFORMATION

Tilt	-5 (+3/-0) ~ +23 (-3/+0)

CONNECTIVITY INFORMATION

HDMI	HDMI 1.4 x 1
Digital HDCP (HDMI version)	HDCP 1.4
USB Display Link	No
Audio Output	1x Audio out
Audio Input	No
Microphone in	No
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	No
USB Hub up stream	No
Microphone out	No
D-SUB (VGA)	1x
DVI	0x
RJ45	No

SUSTAINABILITY

Post-consumer recycled plastic	No (B2C)
EPA (latest version)	No
Halogen free	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	35
Power consumption on (typical) in watts	23
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
Smart Power	No

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	614.0 x 460.0 x 229.8
Product dimensions excl. base (WxHxD) mm	614.0 x 363.8 x 44.7
Packaging dimensions (WxHxD) mm	690 x 453 x 142
Gross weight incl. package (in kg)	6.21
Net weight excl. package (in kg)	3.71
Gross weight incl. package (in kg) (CN)	6.21
Product without stand (kg)	3.26

WHAT'S IN THE BOX

RS232	No

MAXIMUM RESOLUTION BY CONNECTOR

Optimal Resolution VGA	1920 x 1080
Optimal Resolution HDMI	1920 x 1080
Default resolution by input	1920 x 1080
Max resolution by input	1920 x 1080

SOFTWARE & DOWNLOADS

eyeComfort (TUV) software	No
Low Blue logo (TUV) software	No

ACOUSTICS

Noise canceling	No