

24B3CA2

Empower your view, connect smart

Introducing the newest addition to the B3 line– a brilliant 23,8-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 with smooth experience, the 24B3CA2 is the ideal choice. Also, with one USB-C cable, video signal, power delivery and data transfer are available which will improve your productivity. Whether you're working or studying, enjoy a more comfortable and enjoyable viewing experience with the compact screen size of the 24B3CA2.

GENERAL	
Model Name	24B3CA2
Brand	AOC
Channel	B2C
Product type	Monitor
Product line	Basic-line
Design family	B3
Classification	Hero

OTHER INFORMATION	
EAN	4038986141468
MTBF	30.000 hours
Accessory box	No
Operation System	Windows 8.1/10/11, MacOS
OSD type	AOC Gaming

DISPLAY INFORMATION	
Screen size (inch)	23.8
Screen size (cm)	68.58
Flat / Curved	Flat
Display viewing Area (HxW) in mm	527,04 x 296,46
Panel treatment	Antiglare (AG)
Pixel Pitch	0.2745
Pixels per Inch	93
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
Color Gamut	NTSC 72%
OD Response (typical)	4 ms GtG
Panel Haze Value	25%
Picture enhancement (Smartimage)	Yes
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	30-115kHz
HDR (High Dynamic Range)	HDR Mode
Colour space (sRGB) CIE 1931 %	102.7
Colour space (sRGB) CIE 1976 %	102.5
Colour space (DCI-P3) CIE 1931 %	75.7
Colour space (DCI-P3) CIE 1976 %	81.6
Colour space (Adobe RGB) CIE 1931 %	76.1
Colour space (Adobe RGB) CIE 1976 %	87.8
Colour space (NTSC) CIE 1931 %	72.7
Colour space (NTSC) CIE 1976 %	89.4
Colour space (BT 709) CIE 1931 %	102.7
Colour space (BT 709) CIE 1976 %	102.5
Colour space (BT 2020) CIE 1931 %	54.3
Colour space (BT 2020) CIE 1976 %	59.5
Flicker-Free	Flicker Free
eyeSafe (TUV) hardware	No
KVM	No

CABINET INFORMATION	
Bezel type (front)	Ultra Narrow
Bezel Colour (front)	Black
Bezel finishing (front)	Texture
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
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-C connectivity	USB-C (DP Alt mode) x 1
USB Display Link	No
USB downstream ports	2
Audio Output	1x Audio out
Audio Input	No
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
D-SUB (VGA)	0x
DVI	0x
RJ45	No

SUSTAINABILITY	
TCO Certified	No
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	130
Power consumption on (typical) in watts	30
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	542.4 x 412.1 x 202.3
Product dimensions excl. base (WxHxD) mm	542.4 x 316.2 x 44.6
Packaging dimensions (WxHxD) mm	614 x126 x 394
Packaging dimensions (WxHxD) mm (CN)	614 x126 x 394
Gross weight incl. package (in kg)	5.28
Net weight excl. package (in kg)	3.36
Gross weight incl. package (in kg) (CN)	5.28
Product without stand (kg)	3.04

WHAT'S IN THE BOX	
RS232	No

GAMING FEATURES	
Low Input Lag	No

MAXIMUM RESOLUTION BY CONNECTOR	
Default resolution by input	1920 x 1080
Max resolution by input	1920 x 1080
Max resolution for USB C/TBT (with USB information)	8 bit panelUSB-C@USB3.2 + source HBR2: FHD 100Hz

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

ACOUSTICS	
Noise canceling	No