24B2XH/EU



Thin and sleek 23.8" IPS monitor with lively colours, wide angle visibility and eye-friendly technology

The 24B2XH from the B2 Series employs a 23.8" Full HD IPS panel offering wide viewing angles, accurate and lively colours plus flexible connectivity. It features a slim profile and a 3-sides borderless panel for seamless multi monitor setups. Say goodbye to eyestrain thanks to AOC's LowBlue and FlickerFree technologies.



Features



Frameless design

Besides looking modern and attractive, frameless designs enable seamless multimonitor setups. Your cursor/windows will not be lost anymore in the dark abyss of bezels, when many displays are placed side by side.



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.





IPS Panel

IPS panel ensures an excellent viewing experience with lifelike yet brilliant and accurate colours. Colours look consistent no matter from which angle you look at the display



HDM

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).



Low Blue Light

AOC Lowblue Light protects you from harmful blue light which, during long sessions, has been shown to cause eye strain, headaches, and sleeping disorders. Our Lowblue Light feature reduces the harmful wavelengths emitted without sacrificing color composition, setting the experience free from the worry of eye damage.



Flicker Free

AOC Flicker-Free Technology utilises a DC (Direct Current) backlight panel, reducing flickering light levels. With eye strain and fatigue absolutely minimized, feel free to enjoy those long, intense gaming sessions in comfort!

GENERAL	
Model Name	24B2XH/EU
Channel	B2C
Product line	Basic-line
Design family	B2
Launch date (ETA)	11/1/2020
EAN	4038986147170

DISPLAY INFORMATION		
Screen size (inch)	23,8	
Screen size (cm)	60,452	
Flat / Curved	Flat	
Display hardness	3H	
Panel treatment	Antiglare (AG)	
Pixel Pitch (mm)	0,2745	
Pixels per Inch	93,0	
Panel resolution	1920x1080	
Aspect ratio	16:9	
Panel type	IPS	
Backlight type	WLED	
Max Refresh rate	75 Hz	
Response time GtG	4 ms	
Static contrast ratio	1000:1	
Dynamic contrast ratio	20M:1	
Viewing angle (CR10)	178/178	
Display colours	16.7 Million	
Brightness in nits	250 cd/m2	

VIDEO FEATURES	
Blue Light Technology	Low Blue Light
Colour space (sRGB) CIE 1931 %	106,0
Colour space (Adobe RGB) CIE 1931 %	78,0
Flicker-Free	Flicker Free

CABINET INFORMATION		
Bezel Colour (front)	Black	
Cabinet colour (backside)	Black	
Cabinet finishing (backside)	Texture	
Removable stand	Yes	
Kensington Lock	Yes	
Vesa wallmount	100x100	

ERGONOMICS	
Tilt	-5/20
Pivot	No

SUSTAINABILITY	
Energy star	Energy star 8
WEEE	Yes
REACH compliant	Yes
RoHs compliant	Yes
HF	Yes
Mercury free	Yes
Recycable packaging material	100 % recycable

POWER CONSUMPTION		
Power supply	External	
Power consumption on (Energystar test method) in watts	19,0	
Power consumption standby in watts	0,3	
Power consumption off in watts	0,3	
Energy class	E	

REGULATORY COMPLIANCE		
СВ	Yes	
CE	Yes	
TUV-Bauart-Mark	Yes	
ISO 9241-307	Yes	
EAC	Yes	
FCC	Yes	
Microsoft WHQL	Yes	

CONNECTIVITY INFORMATION	
HDMI	HDMI 1.4 x 1
Audio Output	Headphone out (3.5mm)
D-SUB (VGA)	1x

PRODUCT DIMENSIONS		
Product dimensions incl. base (WxHxD) mm	418.35(H) x 539.47(W) x 170.94(D)	
Product dimensions excl. base (WxHxD) mm	320.94(H) x 539.47(W) x 37.6(D)	
Packaging dimensions (WxHxD) mm	467(H) x 592(W) x 106(D)	
Gross weight incl. package (in kg)	4,5	
Net weight excl. package (in kg)	2,7	

WHAT'S IN THE BOX		
HDMI cable	1.8	
Power cable C13	1.8	

OTHER INFORMATION		
Warranty period	3 years	