# 24B1XH

## 24" Full HD IPS display with 3-sides borderless design, sleek and super slim

Equipped with a 23.8" IPS panel in 1080p resolution, the 24B1XH is almost 3-sides borderless with a super thin profile of just 11.5 mm. It not only looks sleek but is also practical by allowing seamless multi-monitor setups, thanks to the wide viewing angles (178/178).




## Features



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



**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



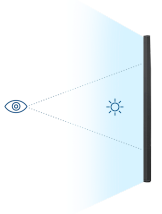
**Slim Design**
Sometimes, less is more: With its minimalistic, slim profile, this monitor seamlessly blends into your working environment instead of obstructing your vision with a bulky casing. Enjoy more space on your desk, easy transportation and an appealing design with this slick, lightweight display.



**HDMI**
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).



**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!



**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.



**250cd/m² Brightness**
Want to use your monitor in a brightly-lit environment, e.g. beside a window catching the sun? The high 250 cd/m² (or 250 nits) brightness achieved by W-LED backlight ensures a good visibility on the display even in these harsh settings. In comparison, the sRGB's reference luminance level is 80 cd/m².

| GENERAL | |
|---|---|
| **Model Name** | 24B1XH |
| **Channel** | B2C |
| **Product line** | Basic-line |
| **Design family** | B1 |
| **Launch date (ETA)** | 10/30/2019 |
| **EAN** | 4038986146371 |

| DISPLAY INFORMATION | |
|---|---|
| **Screen size (inch)** | 23.8 |
| **Screen size (cm)** | 60.452 |
| **Flat / Curved** | Flat |
| **Display hardness** | 3H |
| **Pixel Pitch (mm)** | 0.2745 |
| **Panel resolution** | 1920x1080 |
| **Aspect ratio** | 16:9 |
| **Panel type** | IPS |
| **Backlight type** | WLED |
| **Max Refresh rate** | 60 Hz |
| **Response time GtG (typical)** | 7 ms |
| **Static contrast ratio (typical)** | 1000:1 |
| **Dynamic contrast ratio** | 20M:1 |
| **Viewing angle (CR10)** | 178/178 |
| **Display colours** | 16.7 Million |
| **Brightness in nits (typical)** | 250 cd/m² |

| VIDEO FEATURES | |
|---|---|
| **Blue Light Technology** | Low Blue Light |
| **Colour space (sRGB) CIE 1931 %** | 100.0 |
| **Colour space (Adobe RGB) CIE 1931 %** | 75.0 |
| **Flicker-Free** | Flicker Free |

| CABINET INFORMATION | |
|---|---|
| **Bezel Colour (front)** | Black |
| **Cabinet colour (backside)** | Black |
| **Cabinet finishing (backside)** | Texture |

| ERGONOMIC INFORMATION | |
|---|---|
| **Tilt** | -5/23 |
| **Pivot** | No |

| SUSTAINABILITY | |
|---|---|
| **Energy star** | Energy star 8 |
| **WEEE** | Yes |
| **REACH compliant** | Yes |
| **Mercury free** | Yes |
| **Recycable packaging material** | 100 % recycable |

| POWER CONSUMPTION | |
|---|---|
| **Power supply** | External |
| **Power consumption on (Energystar test method) in watts** | 25.0 |
| **Power consumption standby in watts** | 0.5 |
| **Power consumption off in watts** | 0.5 |
| **Energy class** | A |

| REGULATORY COMPLIANCE | |
|---|---|
| **CB** | Yes |
| **TUV-GS-Mark** | 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** | 419.8(H) x 540.1(W) x 186.8(D) |
| **Packaging dimensions (WxHxD) mm** | 492(H) x 614(W) x 131(D) |
| **Gross weight incl. package (in kg)** | 4.1 |
| **Net weight excl. package (in kg)** | 2.48 |

| WHAT'S IN THE BOX | |
|---|---|
| **HDMI cable** | 1.5 |
| **Power cable C13** | 1.5 |

| OTHER INFORMATION | |
|---|---|
| **Warranty period** | 3 years |
| **MTBF** | 50.000 hours (excluded backlight) |


### ⚠ LEGAL DISCLAIMER

The monitor may appear different from the feature image. The products, accessories, cable(s) supplied with the product may vary in type, quantity, and/or specifications in line with country- or region-specific requirements. Specifications are subject to change without notice. The above functionality may vary depending on the user's actual usage conditions. This product is sold with a limited manufacturer's warranty. Please refer to the warranty terms for coverage details. All Rights reserved.