

## High-performance clarity with 23.8" FHD monitor featuring 100Hz refresh rate and HDMI

Experience the brilliance of our compact-sized 23.8" monitor with Full HD VA monitor 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 – 24B3HMA2 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.



## Features



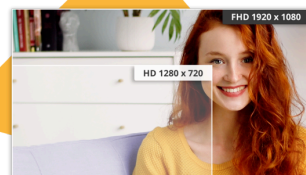
**HDMI**  
HDMI (High-Definition Multimedia Interface) is supported by the current gaming consoles, current GPUs, set-top boxes, supporting the HDCP digital content protection system. HDMI 1.3-1.4b versions support up to 144 Hz refresh rate@1080p and 75 Hz@1440p, while HDMI 2.0-2.0b versions support 240Hz@1080p, 144Hz@1440p and 60 Hz@2160p (4K).



**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.



**100Hz Refresh Rate**  
Equip yourself with twice the frame rate of other monitors and say goodbye to image stuttering and blurry motion. With a 100Hz refresh rate every frame is rendered sharply and in smooth succession, so you can line up your shots accurately and appreciate high speed races in all their glory.



**Wide Viewing Angle**  
Wide Viewing Angle features display color accurately at viewing angles of up to 178°. This way, it does not matter where you choose to view it from, colors will be displayed perfectly.

**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.

**Speakers**  
Built-in speakers make it easy to catch up with family, friends and colleagues. For movies, music, games and more, you'll enjoy quality audio without the hassle of connecting external speakers.

| GENERAL                   |                |
|---------------------------|----------------|
| Model Name                | 24B3HMA2       |
| Brand                     | AOC            |
| Channel                   | B2C            |
| Product line              | Basic-line     |
| Design family             | B3             |
| Launch date (ETA)         | 2/1/2024       |
| EAN                       | 4038986141529  |
|                           |                |
| DISPLAY INFORMATION       |                |
| Screen size (inch)        | 23,8           |
| Screen size (cm)          | 60,5           |
| 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                | VA             |
| Backlight type            | WLED           |
| Max Refresh rate          | 100 Hz         |
| Response time<br>GtG      | 4 ms           |
| Response time<br>MPRT     | 1 ms           |
| Static contrast<br>ratio  | 4000:1         |
| Dynamic contrast<br>ratio | 20M:1          |
| Viewing angle<br>(CR10)   | 178/178        |
| Display colours           | 16.7M (8bits)  |
| Brightness in nits        | 250 cd/m²      |

| VIDEO FEATURES                            |                |
|-------------------------------------------|----------------|
| Sync technology<br>(VRR)                  | Adaptive Sync  |
| Digital Signal<br>Frequency Vertical      | 48-100Hz       |
| Digital Signal<br>Frequency Horizontal    | 30K-115Khz     |
| Blue Light<br>Technology                  | Low Blue Light |
| Colour space<br>(sRGB) CIE 1931 %         | 101,5          |
| Colour space<br>(sRGB) CIE 1976 %         | 96,5           |
| Colour space (DCI-<br>P3) CIE 1931 %      | 74,8           |
| Colour space (DCI-<br>P3) CIE 1976 %      | 76,9           |
| Colour space<br>(Adobe RGB) CIE<br>1931 % | 75,2           |
| Colour space<br>(Adobe RGB) CIE<br>1976 % | 82,7           |
| Flicker-Free                              | Flicker Free   |
| KVM                                       | No             |

| CABINET INFORMATION             |         |
|---------------------------------|---------|
| Bezel Colour<br>(front)         | Black   |
| Cabinet colour<br>(backside)    | Black   |
| Cabinet finishing<br>(backside) | Texture |
| Removable stand                 | Yes     |
| Speaker power                   | 2 W x 2 |
| Kensington Lock                 | Yes     |
| Vesa wallmount                  | 100x100 |
| MonitorWebcam                   | No      |

| ERGONOMICS |                             |
|------------|-----------------------------|
| Tilt       | -5 (+3/-0) ~ +23<br>(-3/+0) |

| SUSTAINABILITY                    |                               |
|-----------------------------------|-------------------------------|
| TCO Certified                     | No                            |
| Post-consumer<br>recycled plastic | No (B2C)                      |
| Carton material                   | Paper                         |
| Carton material<br>print          | Water Print (Brown<br>Carton) |

| POWER CONSUMPTION                             |          |
|-----------------------------------------------|----------|
| Power supply                                  | Internal |
| Power<br>consumption on<br>(typical) in watts | 23,0     |
| Power<br>consumption<br>standby in watts      | 0,5      |
| Power<br>consumption off in<br>watts          | 0,3      |
| Energy class                                  | E        |

| CONNECTIVITY INFORMATION       |              |
|--------------------------------|--------------|
| HDMI                           | HDMI 1.4 x 1 |
| Digital HDCP<br>(HDMI version) | HDCP 1.4     |
| Audio Output                   | 1x Audio out |
| USB Type<br>upstream           | No           |
| D-SUB (VGA)                    | 1x           |
| DVI                            | 0x           |
| RJ45                           | No           |

#### PRODUCT DIMENSIONS

|                                          |                       |
|------------------------------------------|-----------------------|
| Product dimensions incl. base (WxHxD) mm | 539.7 x 320.4 x 44.7  |
| Product dimensions excl. base (WxHxD) mm | 539.7 x 416.1 x 202.3 |
| Packaging dimensions (WxHxD) mm          | 614 x 394 x 126       |
| Gross weight incl. package (in kg)       | 4,86                  |
| Net weight excl. package (in kg)         | 2,84                  |
| Product without stand (kg)               | 2,5                   |

#### WHAT'S IN THE BOX

|             |     |
|-------------|-----|
| HDMI cable  | 1.5 |
| Power Cable | Yes |

#### OTHER INFORMATION

|                 |         |
|-----------------|---------|
| Warranty period | 3 years |
|-----------------|---------|