

## 27" Full HD Display with 120Hz and Adaptive Sync

The AOC 27B31H boasts a 27" Full HD display with a 120Hz refresh rate, 1ms MPRT, and Adaptive Sync for fluid, responsive visuals. With low blue light, flicker-free technology, and a 3-side frameless design, it ensures both eye comfort and an immersive viewing experience.



## Features



### 120Hz Refresh Rate

Equip yourself with twice the frame rate of other monitors and say goodbye to image stuttering and blurry motion. With a 120Hz 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.



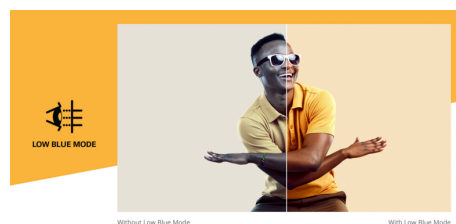
### 1ms MPRT Response Time

The AOC monitor with 1ms MPRT Response reduces significantly the motion blur, making fast-paced action look crisp and clear, providing an edge in reaction-sensitive games. More than speed, the AOC monitor with a 1ms MPRT is a seamless, fluid motion that immerses you in the virtual world. Whether navigating through a fast-paced racing game or engaged in a high-stakes battle, every millisecond counts.



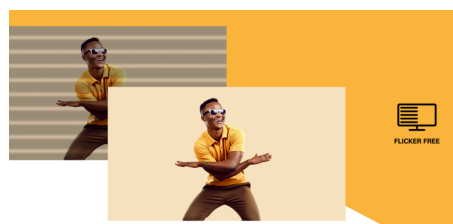
### Adaptive sync

Adaptive Sync aligns your monitor's vertical refresh rate with the frame rate delivered by your GPU, making your gameplay and casual gaming experience even more fluid by eliminating stuttering, tearing and judder. This feature is also useful when enjoying videos and other visual media, for a smoother entertainment.



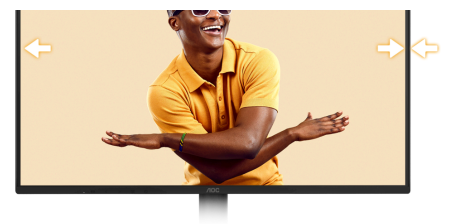
### Low Blue Light

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!



### 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.

| GENERAL                |                       |
|------------------------|-----------------------|
| Model Name             | 27B31H                |
| Brand                  | AOC                   |
| Channel                | B2C                   |
| Product line           | Basic-line            |
| Design family          | B3                    |
| Launch date (ETA)      | 12/1/2024             |
| EAN                    | 4038986182225         |
| DISPLAY INFORMATION    |                       |
| Screen size (inch)     | 27.0                  |
| Screen size (cm)       | 68.6                  |
| Flat / Curved          | Flat                  |
| Display hardness       | 3H                    |
| Panel treatment        | Antiglare (AG)        |
| Pixel Pitch (mm)       | 0.3114                |
| Pixels per Inch        | 82.0                  |
| Panel resolution       | 1920x1080             |
| Aspect ratio           | 16:9                  |
| Panel type             | IPS                   |
| Backlight type         | WLED                  |
| Max Refresh rate       | 120 Hz                |
| Response time GtG      | 4 ms                  |
| Response time MPRT     | 1 ms                  |
| Static contrast ratio  | 1500:1                |
| Dynamic contrast ratio | 20M:1                 |
| Viewing angle (CR10)   | 178/178               |
| Display colours        | 16.7 Million          |
| Brightness in nits     | 300 cd/m <sup>2</sup> |
| Local Dimming Zones    | Global Dimming Zones  |

| VIDEO FEATURES                      |                                   |
|-------------------------------------|-----------------------------------|
| Sync technology (VRR)               | Adaptive Sync                     |
| Digital Signal Frequency Vertical   | VGA: 48 -75 Hz / HDMI:48 -120 Hz  |
| Digital Signal Frequency Horizontal | VGA: 30 -85kHz / HDMI: 30 -140kHz |
| Blue Light Technology               | Low Blue Mode                     |
| Colour space (sRGB) CIE 1976 %      | 116.49                            |
| Colour space (DCI-P3) CIE 1976 %    | 91.2                              |
| Colour space (Adobe RGB) CIE 1976 % | 87.5                              |
| Flicker-Free                        | Flicker Free                      |

| CABINET INFORMATION              |           |
|----------------------------------|-----------|
| Bezel Colour (front)             | Black     |
| Cabinet colour (backside)        | Black     |
| Cabinet finishing (backside)     | Texture   |
| Removable stand                  | Yes       |
| Built-in speakers fire direction | Back fire |
| Kensington Lock                  | Yes       |
| Vesa wallmount                   | 100x100   |

| ERGONOMICS |       |
|------------|-------|
| Tilt       | -5/25 |

| SUSTAINABILITY               |                 |
|------------------------------|-----------------|
| TCO Certified                | No              |
| Energy star                  | Energy star 8   |
| WEEE                         | Yes             |
| REACH compliant              | Yes             |
| RoHs compliant               | Yes             |
| PVC/BFR free housing         | Yes             |
| Mercury free                 | Yes             |
| Recycable packaging material | 100 % recycable |
| Carton material              | Paper           |

| POWER CONSUMPTION                                      |          |
|--|----------|
| Power supply   | External |
| Power consumption on (Energystar test method) in watts | 13.36    |
| Power consumption standby in watts                     | 0.3      |
| Power consumption off in watts                         | 0.3      |
| Energy class   | E        |

| REGULATORY COMPLIANCE |     |
|-----------------------|-----|
| CB                    | Yes |
| CE                    | Yes |
| TUV-Bauart-Mark       | Yes |
| TUV-GS-Mark           | Yes |
| EAC                   | Yes |
| FCC                   | Yes |
| UKCA                  | Yes |

| CONNECTIVITY INFORMATION |              |
|--------------------------|--------------|
| HDMI                     | HDMI 1.4 x 1 |
| D-SUB (VGA)              | 1x           |

## PRODUCT DIMENSIONS

|   |                       |
|---|-----------------------|
| <b>Product dimensions incl. base (WxHxD) mm</b> | 616.6 x 445.5 x 191.9 |
| <b>Product dimensions excl. base (WxHxD) mm</b> | 616.6 x 356.7 x 37.4  |
| <b>Packaging dimensions (WxHxD) mm</b>          | 690 x 447 x 124       |
| <b>Gross weight incl. package (in kg)</b>       | 5.3                   |
| <b>Net weight excl. package (in kg)</b>         | 3.4                   |
| <b>Product without stand (kg)</b>               | 3.1                   |

## WHAT'S IN THE BOX

|                      |     |
|----------------------|-----|
| <b>HDMI cable</b>    | 1.5 |
| <b>Power Cable</b>   | Yes |
| <b>Power adaptor</b> | Yes |

## OTHER INFORMATION

|                        |         |
|------------------------|---------|
| <b>Warranty period</b> | 3 years |
|------------------------|---------|

### 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.