

## 27" QHD Display with 120Hz and Adaptive Sync

The AOC 27B3QA2 delivers stunning 27" QHD visuals with a 120Hz refresh rate, 1ms MPRT, and Adaptive Sync for smooth, tear-free performance. Enjoy added convenience with built-in 2W speakers, narrow borders, and eye-friendly low blue light and flicker-free technology.



## Features



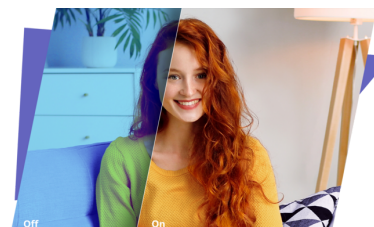
### 1ms MPRT Response Time

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!



### 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.



### 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.

| GENERAL                   |                         |
|---------------------------|-------------------------|
| Model Name                | 27B3QA2                 |
| Brand                     | AOC                     |
| Channel                   | B2C                     |
| Product line              | Basic-line              |
| Design family             | B3                      |
| Launch date (ETA)         | 12/1/2024               |
| EAN                       | 4038986182201           |
|                           |                         |
| 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<br>GtG      | 4 ms                    |
| Response time<br>MPRT     | 1 ms                    |
| Static contrast<br>ratio  | 1500:1                  |
| Dynamic contrast<br>ratio | 20M:1                   |
| Viewing angle<br>(CR10)   | 178/178                 |
| Display colours           | 16.7 Million            |
| Brightness in nits        | 300 cd/m²               |
| Local Dimming<br>Zones    | Global Dimming<br>Zones |

| VIDEO FEATURES                      |                 |
|-------------------------------------|-----------------|
| Sync technology<br>(VRR)            | Adaptive Sync   |
| Blue Light<br>Technology            | Anti Blue Light |
| Flicker-Free                        | Flicker Free    |
|                                     |                 |
| 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         |
| Built-in speakers<br>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<br>housing             | Yes             |
| Mercury free                        | Yes             |
| Recycable<br>packaging material     | 100 % recycable |
| Carton material                     | Paper           |

| POWER CONSUMPTION                                               |                          |
|-----------------------------------------------------------------|--------------------------|
| Power supply                                                    | Internal                 |
| Power<br>consumption on<br>(Energystar test<br>method) in watts | 14,74                    |
| 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             |
| DisplayPort                                                     | DisplayPort 1.2 x 1      |
| Audio Output                                                    | Headphone out<br>(3.5mm) |
| D-SUB (VGA)                                                     | 1x                       |
|                                                                 |                          |
| PRODUCT DIMENSIONS                                              |                          |
| Product<br>dimensions incl.<br>base (WxHxD) mm                  | 616.6 x 452.9 x<br>229.5 |
| Product<br>dimensions excl.<br>base (WxHxD) mm                  | 616.6 x 356.7 x 45.3     |
| Packaging<br>dimensions<br>(WxHxD) mm                           | 690 x 453 x 142          |
| Gross weight incl.<br>package (in kg)                           | 6,57                     |
| Net weight excl.<br>package (in kg)                             | 3,98                     |
|                                                                 |                          |
| WHAT'S IN THE BOX                                               |                          |
| HDMI cable                                                      | 1.5                      |
| Power Cable                                                     | Yes                      |

OTHER INFORMATION

Warranty period 3 years