

## 27" QHD Monitor

Q27B3S2 is a Quad HD display with IPS wide viewing angle, Incredible, 100Hz refresh rate, and 1ms response time, 3-side frameless. This IPS display delivers 178/178-degree viewing angles while maintaining consistent image quality and colors from all viewing positions.



## 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.



### 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.

### Flicker Free

AOC Flicker-Free Technology utilizes 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!



### Live the game at its best with HDR10

HDR10 is here to enhance picture quality even further, improving the synchronization of your GPU or your console with the monitor. This creates a more realistic, immersive, and smooth gaming experience: You'll feel like stepping in the game, frame by frame.

### 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.

| GENERAL       |            |
|---------------|------------|
| Model Name    | Q27B3S2    |
| Brand         | AOC        |
| Channel       | B2C        |
| Product line  | Basic-line |
| Design family | B3         |

| DISPLAY INFORMATION       |                         |
|---------------------------|-------------------------|
| Screen size (inch)        | 27,0                    |
| Flat / Curved             | Flat                    |
| Panel treatment           | Antiglare (AG)          |
| Pixel Pitch (mm)          | 0,2331                  |
| Pixels per Inch           | 109,0                   |
| Panel resolution          | 2560x1440               |
| Aspect ratio              | 16:9                    |
| Panel type                | IPS                     |
| Backlight type            | WLED                    |
| Response time<br>GtG      | 4 ms                    |
| Response time<br>MPRT     | 1 ms                    |
| Static contrast<br>ratio  | 1000:1                  |
| Dynamic contrast<br>ratio | 20M:1                   |
| Viewing angle<br>(CR10)   | 178/178                 |
| Display colours           | 16.7 Million            |
| Brightness in nits        | 250 cd/m2               |
| Local Dimming<br>Zones    | Global Dimming<br>Zones |

| VIDEO FEATURES |              |
|----------------|--------------|
| Flicker-Free   | Flicker Free |

| CABINET INFORMATION          |         |
|------------------------------|---------|
| Cabinet colour<br>(backside) | Black   |
| Vesa wallmount               | 100x100 |

| ERGONOMICS |           |
|------------|-----------|
| Tilt       | -5° ~ 23° |

| SUSTAINABILITY |     |
|----------------|-----|
| RoHs compliant | Yes |

| POWER CONSUMPTION                          |      |
|--------------------------------------------|------|
| Power consumption on<br>(typical) in watts | 32,0 |
| Power consumption<br>standby in watts      | 0,3  |
| Power consumption off in<br>watts          | 0,3  |

| REGULATORY COMPLIANCE |     |
|-----------------------|-----|
| CE                    | Yes |
| FCC                   | Yes |

| CONNECTIVITY INFORMATION       |                          |
|--------------------------------|--------------------------|
| HDMI                           | HDMI 2.0 x 1             |
| Digital HDCP<br>(HDMI version) | HDCP 2.3                 |
| DisplayPort                    | DisplayPort 1.4 x 1      |
| Audio Output                   | Headphone out<br>(3.5mm) |
| DP HDCP version                | HDCP 2.3                 |

| PRODUCT DIMENSIONS                          |                                   |
|---------------------------------------------|-----------------------------------|
| Product dimensions incl.<br>base (WxHxD) mm | 460 (H) × 614 (W) ×<br>229.8 (D)  |
| Product dimensions excl.<br>base (WxHxD) mm | 363.8 (H) × 614 (W) ×<br>45.2 (D) |
| Packaging dimensions<br>(WxHxD) mm          | 453 (H) × 690 (W) ×<br>142 (D)    |
| Gross weight incl.<br>package (in kg)       | 6,72                              |
| Net weight excl.<br>package (in kg)         | 4,17                              |
| Product without<br>stand (kg)               | 3,73                              |