

## High-performance clarity with 27" FHD monitor featuring 100Hz refresh rate and HDMI

Introducing the newest addition to the B3 line— a brilliant 27-inch display featuring an IPS panel for breathtaking visuals with 1920 x 1080 resolution and 100Hz refresh rates. If you're looking for a compact sized monitor but bigger than 23.8-inch, the 27B3CA2 is the ideal choice. Also, it provides USB-C which means it is possible to utilize video signals, power delivery and data transfer at the same time which will improve your productivity. Whether you're working or studying, enjoy a more comfortable and enjoyable viewing experience with the expansive screen size of the 27B3CA2.

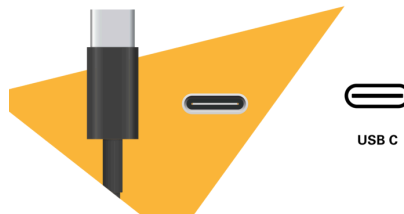


## Features



### 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.



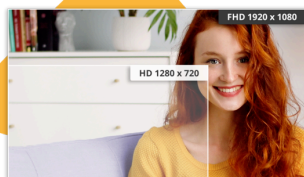
### USB-C Docking

Simplify the connections with one cable only. The USB-C connection provides DisplayPort Alternate Mode for transferring high-resolution video signals from a notebook to the monitor while simultaneously charging the notebook's battery from the monitor with USB power delivery.



### 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).



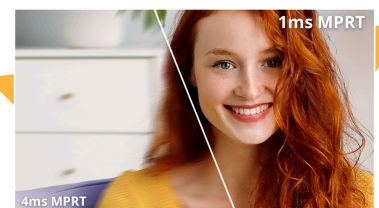
### FHD Resolution

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.



### 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.

| GENERAL       |               |
|---------------|---------------|
| Model Name    | 27B3CA2       |
| Brand         | AOC           |
| Channel       | B2C           |
| Product line  | Basic-line    |
| Design family | B3            |
| EAN           | 4038986181471 |

| DISPLAY INFORMATION       |                   |
|---------------------------|-------------------|
| Screen size (inch)        | 27,0              |
| Screen size (cm)          | 68,58             |
| 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          | 100 Hz            |
| Response time<br>GtG      | 4 ms              |
| Response time<br>MPRT     | 1 ms              |
| Static contrast<br>ratio  | 1300:1            |
| Dynamic contrast<br>ratio | 20M:1             |
| Viewing angle<br>(CR10)   | 178/178           |
| Display colours           | 16.7M (6bits+FRC) |
| Brightness in nits        | 250 cd/m2         |
| Local Dimming<br>Zones    | Global Dimming    |

| 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 %      | 101,8          |
| Colour space<br>(sRGB) CIE 1976 %      | 101,4          |
| Colour space (DCI-P3) CIE 1931 %       | 75,0           |
| Colour space (DCI-P3) CIE 1976 %       | 80,7           |
| Colour space<br>(Adobe RGB) CIE 1931 % | 75,4           |
| Colour space<br>(Adobe RGB) CIE 1976 % | 86,9           |
| 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 |

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

| 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>(typical) in watts | 35,0     |
| 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 (HDMI version)    | HDCP 1.4                  |
| USB Hub                        | Yes                       |
| USB type downstream            | 2 x USB-A                 |
| USB fast charge port           | Yes                       |
| Audio Output                   | Headphone out (3.5mm)     |
| mini USB (for external keypad) | No                        |
| USB Type upstream              | 1x USB-C (DP Alt Mode)    |
| USB generation                 | USB 3.2 (Gen 1), 5 Gbit/s |
| DVI                            | 0x                        |
| RJ45                           | No                        |

| PRODUCT DIMENSIONS                       |                       |
|------------------------------------------|-----------------------|
| Product dimensions incl. base (WxHxD) mm | 616.6 x 452.9 x 229.5 |
| Product dimensions excl. base (WxHxD) mm | 616.6 x 356.7 x 45.4  |
| Packaging dimensions (WxHxD) mm          | 690 x 453 x 142       |
| Gross weight incl. package (in kg)       | 4,43                  |
| Net weight excl. package (in kg)         | 6,93                  |
| Product without stand (kg)               | 4,05                  |

| WHAT'S IN THE BOX |     |
|-------------------|-----|
| HDMI cable        | 1.5 |
| USB-C to C cable  | 1.8 |
| Power Cable       | Yes |

| OTHER INFORMATION |         |
|-------------------|---------|
| Warranty period   | 3 years |