

# AOC

# Sufficiency and efficiency, keep both



## B3 Monitor

### 27B3QA3

- 👉 Ultra Narrow Bezel
- 👉 IPS Wide Viewing Angle
- 👉 120Hz Refresh Rate and 1ms Response Time



IPS WIDE VIEW

**120Hz**

**1ms**



ULTRA NARROW BEZEL



GAME MODE



MBR SYNC



FLICKER FREE



ANTI-BLUE LIGHT



HDMI



SPEAKERS



VESA MOUNT

[www.aoc.com](http://www.aoc.com)

vision at Heart

## ► Features



### Designed with wide viewing angles

IPS displays deliver 178/178-degree viewing angles while maintaining consistent image quality and colors from all viewing positions. You can also view your spreadsheets or weekend movies from virtually any angle without compromising color uniformity.



120Hz

### 120Hz translates high GPU framerates into a smooth and responsive gameplay experience

Make the most of the graphical output of your PC with a monitor that can handle it: 120Hz translates GPU framerates into a smooth and responsive gameplay experience. Unleash your reflexes.



1ms

### 1ms MPRT response time decreases motion blur to eliminate smearing or ghosting

A pixel response time of 1ms MPRT means speed without the smear for an enhanced gaming experience. Fast-moving action and dramatic transitions will be rendered smoothly without the annoying effects of ghosting. Choose the right path to gaming success, and never let a slow display stop you.



### UltraNarrow Bezel for seamless appearance

Displays with ultra-narrow bezel allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setup like gaming, graphic design and professional applications, an ultra-narrow bezel display gives you the feeling of using one large display.



### Choose from 6 customizable display settings to best suit your own style of gaming

**GAME MODE SETTING**  
Enhances color and sharpness for different game styles. Six modes to select: FPS, Racing, RTS, Gamer1, Gamer2, and Off.



### An innovative solution to protect against the blue light from computer screens

The ratio of light in the range from 415nm~455nm compared to 400nm~500nm shall be less than 50%.



### Protect your eyes from screen flicker

Flicker-free technology reduces flicker to give you a more comfortable gaming experience. Normal LED-backlit monitors adjust brightness using PWM (Pulse Width Modulation) which causes flickering and results in eye discomfort over long periods of time. AOC flicker-free technology uses a DC (Direct Current) backlight system to provide a more comfortable and healthier viewing experience, minimizing the effects of eye fatigue during work hours.



### An all-rounded multimedia solution

With built-in speakers you can enjoy quality audio for music, games, and more without the hassle of connecting external speakers.



### Adaptable and convenient setup

Whether you prefer a wall mount or multi-monitor desk setup, VESA Mount offers the ultimate in flexibility. And when combined with 3rd party accessories, VESA Mount lets you put your monitor wherever you want it.



### HDMI for quick digital connection

Enjoy crisp colorful images and audio with simple one-cable connection. An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. An HDMI cable enables high-quality smooth digital video and audio all transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).

## ► Specifications

| Model Name                  | 27B3QA3                                                             |
|-----------------------------|---------------------------------------------------------------------|
| Panel                       | 27" / IPS                                                           |
| Pixel Pitch (mm)            | 0.3114 (H) × 0.3114 (V)                                             |
| Effective Viewing Area (mm) | 597.88 (H) × 336.31 (V)                                             |
| Brightness (typical)        | 300 cd/m <sup>2</sup>                                               |
| Contrast Ratio              | 1500 : 1 (typical) / MEGA DCR                                       |
| Response Time               | 4ms GtG / 1ms MPRT                                                  |
| Viewing Angle               | 178° (H) / 178° (V) (CR > 10)                                       |
| Color Gamut                 | NTSC 99% (CIE1976) / sRGB 115% (CIE1931)                            |
| Optimum Resolution          | 1920 × 1080 @ 120Hz - DisplayPort, HDMI<br>1920 × 1080 @ 75Hz - VGA |
| Display Colors              | 16.7 Million                                                        |
| Signal Input                | VGA × 1, HDMI 1.4 × 1, DisplayPort 1.2 × 1                          |
| USB Hub                     | No                                                                  |
| Power Supply                | 100 - 240V ~ 1.5A, 50 / 60Hz                                        |
| Power Consumption (typical) | 23W                                                                 |
| Speakers                    | 2W × 2                                                              |
| Line In/Earphone            | Earphone                                                            |
| Wall-Mount                  | 100 × 100 mm                                                        |
| Adjustable Stand            | Tilt : -5° ~ 23°                                                    |
| Product without Stand (mm)  | 356.7 (H) × 616.6 (W) × 45.3 (D)                                    |
| Product with Stand (mm)     | 452.9 (H) × 616.6 (W) × 229.5 (D)                                   |
| Packaging (mm)              | 453 (H) × 690 (W) × 142 (D)                                         |
| Product without Stand (kg)  | 3.58 kg                                                             |
| Product with Stand (kg)     | 3.98 kg                                                             |
| Product with Packaging      | 6.57 kg                                                             |
| Cabinet Color               | Black                                                               |
| Regulatory Approvals        | CE / FCC / RoHS                                                     |

Design and Specifications are subject to change without notice.