

# AOC

# Sufficiency and efficiency, keep both



## B3 USB-C Monitor

### 27B3CA3

- 🕒 Ultra Narrow Bezel
- 👁️ IPS with hardware low blue light
- 🕒 120Hz Refresh Rate and 1ms Response Time



IPS WIDE VIEW

**120Hz**

**1ms**



ULTRA NARROW BEZEL



GAME MODE



USB C



FLICKER FREE



ANTI-BLUE LIGHT



HDMI™  
HIGH DEFINITION MULTIMEDIA INTERFACE



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.



### Powerful connectivity

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.



### Reduces blue light exposure for a comfortable experience

AOC has created an innovative solution to protect against the damaging effects of blue light from computer screens. AOC's Anti-Blue Light technology is revolutionary in reducing the intensity and strength of blue light from computer screens while still maintaining true color and clarity.



### 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		27B3CA3
Panel	27" / IPS LCD with Hardware Low Blue Light tech	
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 101% (CIE1976) / sRGB 116% (CIE1931)
Optimum Resolution		1920 × 1080 @ 120Hz - HDMI, USB-C
Display Colors		16.7 Million
Signal Input		USB-C (DP Alt, 65W) × 1, HDMI 1.4 × 1
USB Hub		USB 3.2 Gen1 × 2
Power Supply		100 - 240V ~ 1.5A, 50 / 60Hz
Power Consumption (typical)		35W
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) × 45.4 (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)		4.05 kg
Product with Stand (kg)		4.43 kg
Product with Packaging		6.93 kg
Cabinet Color		Black
Regulatory Approvals		CE / FCC / RoHS

Design and Specifications are subject to change without notice.