

# AOC

# Sufficiency and efficiency, keep both



## B36 Monitor

### 27B36X

- ▶ IPS Wide Viewing Angle
- ▶ High Contrast Ratio 1500:1
- ▶ 144Hz Refresh Rate and 0.5ms Response Time



IPS WIDE VIEW

ADAPTIVE  
**SYNC**

**HDR10**  
HIGH DYNAMIC  
RANGE

**144Hz** **0.5ms**



ULTRA NARROW  
BEZEL



GAME MODE



MOTION BLUR  
REDUCTION



FLICKER FREE



LOW BLUE MODE



VESA MOUNT

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

vision at **Heart**

## ► Features



### IPS panel for wide-viewing angles

The IPS panel of your monitor provides lifelike yet brilliant and accurate colors over a wide viewing angle to ensure an excellent viewing experience.



### A universally respected anti-tearing solution

Screen tearing doesn't only harm gaming performance, it also destroys immersion. Adaptive Sync technology, eradicates this disastrous problem by ensuring your monitor's refresh rate is always synced with your processor's.



### High Dynamic Range (HDR) for more lifelike colorful visuals

High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and captivating color, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colors never before seen on display, giving you a visual experience that engages your senses and inspires emotions.



### A fast 144Hz refresh rate provides ultra-smooth and lag-free graphics

Competitive and intense gaming demands the best technology to ensure lag-free, smoother gaming. This AOC display features a 144 Hz refresh rate, effectively making it 2.4x faster than a standard display. A lower frame-rate can make enemies appear to jump from spot to spot on the screen, making them very difficult targets to hit. A 144Hz frame rate restores those critical missing images back onto the screen, revealing enemy movements in ultra-smooth motion, letting you more easily target them. You won't have to put up with input-lag and screen tearing with this AOC gaming display.



### Moving picture response time

Moving Picture Response Time (MPRT) technology provides automatic control over the backlight of the monitor during image changes. By reducing the time a frame is shown on the monitor, "ghosting" and "blurring" artifacts are reduced, resulting in a smoother, more fluid gaming experience.



### 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.



### Elevating your gaming experience

Motion Blur Reduction (MBR) backlights reduce blurring and ghosting in fast-moving images so you can enjoy better motion clarity and crisper on-screen movement.



### Flicker-free technology for reduced eye fatigue

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.



### Reduces blue light exposure for a comfortable experience

LowBlue Mode setting ensures a more healthy viewing experience for prolonged computer use without compromising the naturally vivid colors of the display.



### 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.

## ► Specifications

Model Name	27B36X
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 /0.5ms MPRT
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 111% (CIE1976) / sRGB 121% (CIE1931)
Optimum Resolution	1920 × 1080 @ 144Hz HDMI, DisplayPort
Display Colors	16.7 Million
Signal Input	HDMI 1.4 × 1, DisplayPort 1.4 × 1
USB Hub	No
Power Supply	External 19VDC, 1.31A
Power Consumption (typical)	22W
Speakers	No
Line In/Earphone	Yes
Wall-Mount	100 mm × 100 mm
Adjustable Stand	Tilt: -5° ~ 23°
Product without Stand (mm)	358.8 (H) × 616.0 (W) × 36.2 (D)
Product with Stand (mm)	447.4 (H) × 616.0 (W) × 205.6 (D)
Packaging (mm)	480 (H) × 690 (W) × 124 (D)
Product without Stand (kg)	2.83
Product with Stand (kg)	3.11
Product with Packaging (kg)	5.04
Cabinet Color	Black
Regulatory Approvals	CE / FCC / RoHS