

# AOC

# Sufficiency and efficiency, keep both



## B3 Monitor

### U27B3AF

- ▶ 4K Ultra HD Display for Brilliant Visuals
- ▶ HDR Visual Enhancement
- ▶ IPS Wide Viewing Angle



IPS WIDE VIEW



4K ULTRA HD



COLOR



HIGH DYNAMIC RANGE



SPEAKERS



FLICKER FREE



LOW BLUE MODE



ADJUSTABLE STAND



HDMI



D

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

vision at Heart

## ► Features



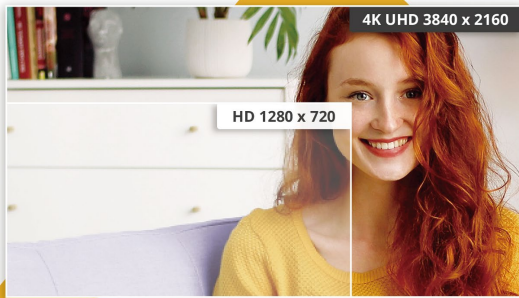
### Engineered for better visual experiences

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.



### 4K Ultra High-Definition (UHD) 3840 x 2160 resolution

4K Ultra High-Definition (3840 x 2160) resolution delivers ultra-crisp picture quality and allows users to see more on the screen at one time. This provides more screen 'real estate' and also shows more detail for sharper and more brilliant images. Whether working on the next beautiful photo, design, or even just used for productivity, users will marvel at the true, crisp image that only a UHD display can provide.



### Rapid 4ms response time for smoother graphics

A pixel response time of 4ms GTG 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.



### Complete immersion for true detail

Discover a deeper level of detail in your favourite photos and videos. Immerse yourself in scenes that contain both bright and dark areas. Together, true 10-bit color technology, support for color accuracy  $\Delta E \leq 2$ , with a rich selection of connectivity, combine to deliver unprecedented motion, gaming or visual experience.



### 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.



### Built-in high quality speakers

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



### Reduces blue light exposure for a comfortable experience

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



### 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.



### Sleek design with height adjustability

An adjustable stand allows for tilt, and height adjustment do dial-in a comfortable and ergonomic viewing experience.



### Connectable with other devices

This AOC monitor provides convenient connectivity options, with both HDMI and DisplayPort support to suit both professionals and home users. HDMI represents the leading digital video, audio, and data interface for high speed connections between ultra high-definition displays and a wide range of consumer electronics, including providing support for modern gaming consoles and PCs. DisplayPort allows for a range of devices to quickly and easily connect to your screen, delivering higher resolution, faster refresh rate and video transmissions free from input lag.

## ► Specifications

Model Name	U27B3AF
Panel	27" / IPS
Pixel Pitch (mm)	0.1554 (H) × 0.1554 (V)
Effective Viewing Area (mm)	596.736 (H) × 335.664 (V)
Brightness (typical)	350 cd/m <sup>2</sup>
Contrast Ratio	1000 : 1 (typical) 20 Million : 1 (DCR)
Response Time	4ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 109% (CIE1976) / sRGB 128% (CIE1931) DCI-P3 (CIE1976) 99%
Optimum Resolution	3840 × 2160 @ 60Hz - DisplayPort, HDMI
Display Colors	1.07 Billion
Signal Input	HDMI 2.0 × 2, DisplayPort 1.4 × 1
USB Hub	NO
Power Supply	100 - 240V~1.5A, 50 / 60Hz
Power Consumption (typical)	27W
Speakers	2W × 2
Line In/Earphone	Earphone
Wall-Mount	100mm × 100mm
Adjustable Stand	Height Adjustment: 110mm, Tilt: -5° ~ 23°
Product without Stand (mm)	363.8 (H) × 614 (W) × 45.7 (D)
Product with Stand (mm)	407.9~517.9 (H) × 614 (W) × 229.8 (D)
Packaging (mm)	481 (H) × 820 (W) × 162 (D)
Product without Stand (kg)	3.64
Product with Stand (kg)	5.20
Product with Packaging (kg)	8.74
Cabinet Color	Black
Regulatory Approvals	CE / FCC / RoHS

Design and Specifications are subject to change without notice.

