

AOC

TECHNOLOGY FUN IN ONE PLACE



27B3CF2

- ⦿ Full HD Display
- ⦿ IPS Wide Viewing Angle
- ⦿ Incredible 100Hz Refresh Rate And 1ms Response Time



IPS WIDE VIEW



FULL HD



ADAPTIVE SYNC

100Hz

1ms



3 SIDED FRAMELESS



FLICKER FREE



LOW BLUE MODE



Adjustable stand



USB C

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.



High quality viewing

Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colors expect a true to life picture.



The e-sports professional standard for gaming

With a 100Hz refresh rate and 1ms response time, your display will be equipped to perform at the pro gaming standard. Enjoy an ultra-smooth experience with no visible screen blur to ensure you're always prepped to win.



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.



See more and see it clearer

Break away from the shackles of bezels with AOC's 3-Sided Frameless Design monitors. This virtually frameless monitor has extremely narrow bezel around a stunning screen. When used as part of a multi-monitor setup it offers a near-seamless and elegant transition between screens. Beauty, form, and function. Isn't it time you broke free from your bezels?



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, rotation, swivel and height adjustment to dial-in a comfortable and ergonomic viewing experience.



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.



Simplify the connections with one cable only

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.

► Specifications

Model Name	27B3CF2
Panel	27" / IPS
Pixel Pitch (mm)	0.3114 (H) × 0.3114 (V)
Effective Viewing Area (mm)	597.88 (H) × 336.31 (V)
Brightness (typical)	250 cd/m ²
Contrast Ratio	1300 : 1 (typical) 20 Million : 1 (DCR)
Response Time	1ms (MPRT)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 88% (CIE1976) / sRGB 101% (CIE1931)
Optimum Resolution	1920 × 1080 @ 100Hz - HDMI, USB-C (DP Alt, 65W)
Display Colors	16.7 Million
Signal Input	HDMI 1.4 × 1, USB-C (DP Alt, 65W) × 1
USB Hub	USB3.2 Gen1 × 2
Power Supply	100 - 240V~1.5A, 50 / 60Hz
Power Consumption (typical)	35W
Speakers	2W × 2
Line In/Earphone	Earphone
Wall-Mount	100mm × 100mm
Adjustable Stand	Height adjustment: 110mm, Tilt: -5° ~ 23°
Product without Stand (mm)	356.7 (H) × 616.6 (W) × 45.4 (D)
Product with Stand (mm)	398.6~508.6 (H) × 616.6 (W) × 229.5 (D)
Packaging (mm)	481 (H) × 820 (W) × 162 (D)
Product without Stand (kg)	4.03
Product with Stand (kg)	5.56
Product with Packaging (kg)	8.71
Cabinet Color	Black
Regulatory Approvals	CE / FCC / RoHS

Design and Specifications are subject to change without notice.

