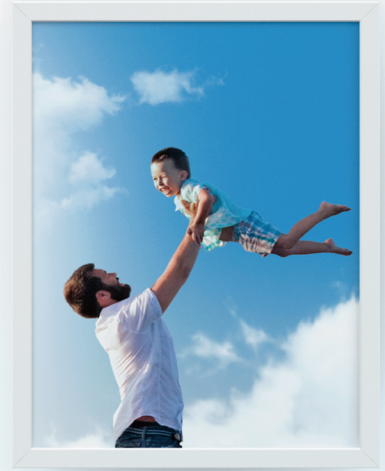# AOC

TECHNOLOGY FUN
IN ONE PLACE

27B3CA2

- 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 | VESA MOUNT | USB C |

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.

IPS WIDE VIEW

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.

FHD FULL HD

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.

100Hz 1ms

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.

ADAPTIVE SYNC

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?

3 SIDED FRAMELESS

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.

FLICKER FREE

Without · With

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.

VESA MOUNT

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.

LOW BLUE MODE

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.

USB C

➤ Specifications

Model Name	27B3CA2
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/m²
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) x 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	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
Product with Stand (kg)	4.43
Product with Packaging (kg)	6.93
Cabinet Color	Black
Regulatory Approvals	CE / FCC / RoHS

Design and Specifications are subject to change without notice.