

AOC

Sufficiency and efficiency, keep both



B3 Monitor

Q27B3CF2

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



IPS WIDE VIEW



QUAD HD



ADAPTIVE SYNC

100Hz

1ms



HIGH DYNAMIC RANGE



3 SIDED FRAMELESS



FLICKER FREE



LOW BLUE MODE



ADJUSTABLE STAND



SPEAKERS



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.



Quad High-Definition (QHD) 2560 x 1440 resolution

Quad HD (2560 x 1440) resolution allows you to view more an incredible amount of detail, resulting in visuals that are crisp and vivid. Whether editing photos, videos, or watching movies, Quad HD gives you clarity and quality.



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.



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.



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 do 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.



HDMI for quick digital connection

HDMI compatibility unlocks a wider array of connectivity options for users, including gaming consoles, laptops, Blu-Ray players, and more.

► Specifications

Model Name	Q27B3CF2
Panel	27" / IPS
Pixel Pitch (mm)	0.2331 (H) × 0.2331(V)
Effective Viewing Area (mm)	596.736 (H) × 335.664 (V)
Brightness (typical)	350 cd/m ²
Contrast Ratio	1500 : 1 (typical) 20 Million : 1 (DCR)
Response Time	1ms (MPRT)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 105% (CIE1976) / sRGB 117% (CIE1931) / DCI-P3 96% (CIE1976)
Optimum Resolution	2560 × 1440 @ 100Hz - HDMI, USB-C
Display Colors	16.7 Million
Signal Input	HDMI 2.0 × 1, USB-C (DP Alt, 65W) × 1
USB Hub	USB3.2 Gen1 × 2
Power Supply	100 - 240V~1.5A, 50 / 60Hz
Power Consumption (typical)	24W
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) × 45.6 (D)
Product with Stand (mm)	398.6~508.6 (H) × 616.6 (W) × 229.8 (D)
Packaging (mm)	481 (H) × 820 (W) × 162 (D)
Product without Stand (kg)	3.97
Product with Stand (kg)	5.51
Product with Packaging (kg)	8.62
Cabinet Color	Black
Regulatory Approvals	CE / FCC / RoHS

Design and Specifications are subject to change without notice.

