

AOC

B2 SERIES

The Borderless Experience Work Freer, Live Better



Q27B2S2 IPS Monitor

- Quad HD Display
- Adaptive Sync Anti-tearing Technology
- Incredible 100Hz Refresh Rate and 4ms Response Time



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vision at Heart

► Features



IPS panel for wide-viewing angles

IPS panel ensures an excellent viewing experience with lifelike yet brilliant and accurate colours. Colours look consistent no matter from which angle you look at the display.



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.



A universally respected anti-tearing solution

Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artifact-free performance at virtually any framerate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.



The e-sports professional standard for gaming

With a 100Hz refresh rate and 4ms 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.



See more with 3-sided frameless design

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?



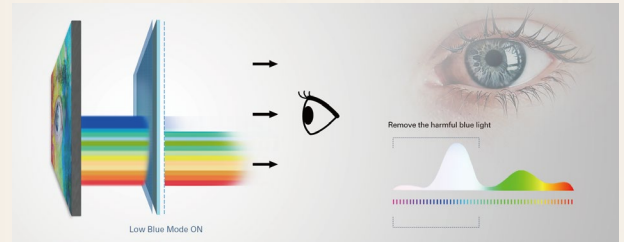
Flicker-free technology for reduced eye fatigue

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.



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.



Connectable with other devices

This AOC monitor provides multiple options for connectivity, including DisplayPort interface, and HDMI port. The HDMI connector provides high-quality video and audio, perfect for watching videos or viewing high-detailed images. DisplayPort offers an alternate option for high-definition resolution as well as the capability to output to multiple displays when using compatible notebooks or desktops.

► Specifications

Model Name	Q27B2S2
Panel	27" / IPS
Pixel Pitch (mm)	0.2331 (H) x 0.2331 (V)
Effective Viewing Area (mm)	596.736 (H) x 335.664 (V)
Brightness (Typical)	250 cd/m ²
Contrast Ratio	1000 : 1 (Typical) 20 Million : 1 (DCR)
Response Time	4ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 105% (CIE1976) / sRGB 121% (CIE1931)
Optimum Resolution	2560 x 1440 @ 100Hz - DisplayPort, HDMI
Display Colors	16.7 Million
Signal Input	HDMI 2.0 x 1 DisplayPort 1.2 x 1
USB Hub	No
Power Supply	19VDC, 2.0A
Power Consumption (Typical)	30W
Speakers	No
Line In/Earphone	Earphone x 1
Wall-Mount	100mm x 100mm
Adjustable Stand	Tilt: -5° ~ 20°
Product without Stand (mm)	364.2 (H) x 613.4 (W) x 37.6 (D)
Product with Stand (mm)	457.9 (H) x 613.4 (W) x 182.9 (D)
Packaging (mm)	520 (H) x 678 (W) x 131 (D)
Product without Stand (kg)	3.0 kg
Product with Stand (kg)	3.4 kg
Product with Packaging (kg)	5.3 kg
Cabinet Color	Black
Regulatory Approvals	CE / FCC