

AOC

Sufficiency and efficiency, keep both



B36 Monitor

Q27B36

- Quad HD Display for Brilliant Visuals
- IPS Wide Viewing Angle
- 100Hz Refresh Rate and 1ms Response Time



IPS WIDE VIEW



QUAD HD

100Hz

1ms



UPGRADED 3-SIDED
FRAMELESS



MEGA DCR

**ADAPTIVE
SYNC**

HDR10
HIGH DYNAMIC
RANGE



FLICKER FREE



LOW BLUE MODE



HDMI
DIGITAL VIDEO INTERFACE

www.aoc.com

vision at **Heart**

► Features



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.



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.



Upgraded 3-Sided Frameless

Embrace the limitless potential of the new upgraded 3-sided frameless, maximising viewing size with bezels more narrow than ever before to create the pinnacle of beauty, form, and function. Harness the full potential of this new feature by using it as part of a multi-monitor setup, where you can experience unrivalled seamlessness and elegance between screens.



Mega DCR

Harness the game-changing technology of Ultra-high Dynamic Contrast Ratio (DCR), bringing a new dimension to your viewing experience by illuminating the subtlest details in the darkest corners. Immerse yourself in breathtakingly authentic visuals where both light and dark are presented with astonishingly clarity, ensuring every visual intricacy comes to life in a digital landscape that seamlessly transitions bright and dim zones.



100Hz translates high GPU framerates into a smooth and responsive gameplay experience

Make the most of the graphical output of your PC with a monitor that can handle it: 100Hz translates GPU framerates into a smooth and responsive gameplay experience. Unleash your reflexes.



1ms MPRT response time decreases motion blur to eliminate smearing or ghosting.

A pixel response time of 1ms MPRT 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. Choose the right path to gaming success, and never let a slow display stop you.



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.



Effortlessly smooth action with Adaptive-Sync technology

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



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 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	Q27B36
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) / Mega DCR
Response Time	1ms (MPRT) / 4ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 102% (CIE1976) / sRGB 114% (CIE1931)
Optimum Resolution	2560 × 1440 @ 100Hz — DisplayPort, HDMI
Display Colors	16.7 Million
Signal Input	HDMI 2.0 × 1, DisplayPort 1.4 × 1
USB Hub	No
Power Supply	External 19VDC, 2.1A
Power Consumption (typical)	23W
Speakers	No
Line In/Earphone	No
Wall-Mount	100mm × 100mm
Adjustable Stand	Tilt: -5° ~ 23°
Product without Stand (mm)	356.7 (H) × 616.6 (W) × 37.7 (D)
Product with Stand (mm)	445.5 (H) × 616.6 (W) × 205.6 (D)
Packaging (mm)	447 (H) × 690 (W) × 103 (D)
Product without Stand (kg)	3.2
Product with Stand (kg)	3.4
Product with Packaging (kg)	5.27
Cabinet Color	Black
Regulatory Approvals	CE / FCC / RoHS