

# AOC

B2 SERIES

## The Borderless Experience Work Freer, Live Better



### 27B2HM VA Panel Monitor

- 3-sided Frameless
- Ultra Slim
- Low Blue Mode & Flicker Free
- VESA Mount Support
- VGA, HDMI 1.4



VA WIDE VIEW



3 SIDED  
FRAMELESS



ULTRA SLIM



LOW BLUE MODE



FLICKER FREE

ADAPTIVE  
SYNC

HDMI  
HIGH-DEFINITION MULTIMEDIA INTERFACE

[www.aoc.com](http://www.aoc.com)

vision at Heart

## ► Features



### Engineered for better visual experiences

VA 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.



### 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?



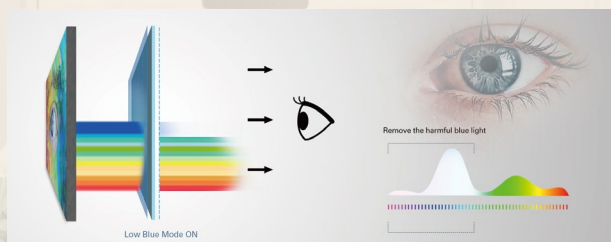
### Function and form in one

Sometimes, less is more: With its minimalistic, slim profile, this monitor seamlessly blends into your working environment instead of obstructing your vision with a bulky casing. Enjoy more space on your desk, easy transportation and an appealing design with this slick, lightweight display.



### Reducing shortwave blue light output for healthier eyes

Low Blue Mode setting ensures a more healthy viewing experience for prolonged computer use without compromising the naturally vivid colors of the display.



### Protect your eyes from screen flicker

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 long, intense gaming sessions!



### 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.



### 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.



### Built-in convenient multitasking software

Screen+ allows you to split, customize, and organize your monitor's layout. Make multitasking easier by resizing and displaying multiple windows at once.



### Saving power in partnership with your PC

E-Saver technology lets the user save power with customizable low-power configuration for their monitor. It works when their PC is in screen-saver, off, or absence modes. Users can also set a time for their monitor to automatically turn off.



### Easy adjustments just one click away

AOC's i-Menu allows direct access to the monitor's on-screen display settings utilizing a mouse.



### Connectable with other devices

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

## ► Specifications

Model Name	27B2HM
Panel	27" (VA)
Pixel Pitch (mm)	0.3114 (H) × 0.3114 (V)
Effective Viewing Area (mm)	597.88 (H) × 336.31 (V)
Brightness (typical)	250 cd/m <sup>2</sup>
Contrast Ratio	4000 : 1 (Typical) 20 Million : 1 (DCR)
Response Time	8ms (GtG (BW))
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 77% (CIE1976) / sRGB 98% (CIE1931)
Optimum Resolution	1920 × 1080 @ 75Hz – HDMI 1920 × 1080 @ 60Hz – VGA
Display Colors	16.7 Million
Signal Input	VGA × 1, HDMI 1.4 × 1
USB Hub	no
Power Supply	19V DC, 1.31A
Power Consumption (typical)	23W
Speakers	no
Wall-Mount	100mm × 100mm
Adjustable Stand	Tilt: -5° ~ 20°
Product without Stand (mm)	363.7 (H) × 613.4 (W) × 36.3 (D)
Product with Stand (mm)	457.9 (H) × 613.4 (W) × 182.9 (D)
Packaging (mm)	520 (H) × 678 (W) × 131 (D)
Product with Packaging (kg)	5.4
Product without Stand (kg)	3.4
Product with Stand (kg)	3.6
Cabinet Color	Black
Regulatory Approvals	CE / FCC