

AOC

B1
SERIES

COMFORTABLE
AND SUPER SLIM



27B1H2

- > IPS Wide Viewing Angle
- > 3-sided Frameless Design
- > Ultra Slim Stylish Design
- > Incredible 100Hz Refresh Rate and 1ms MPRT Response Time



ADAPTIVE
SYNC

100Hz

1ms



HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

vision at **Heart**

► Features



IPS WIDE VIEW

Designed with wide viewing angles

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.



100Hz
1ms

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.



3 SIDED
FRAMELESS

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?



ULTRA SLIM

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.



FLICKER FREE

Protect your eyes from screen flicker

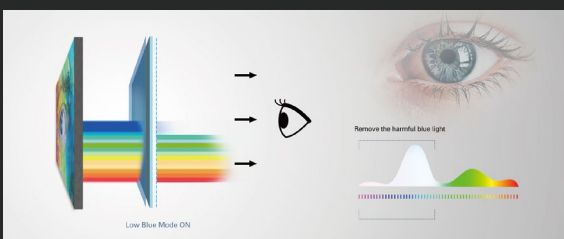
Flicker-free technology reduces flicker to give you a more comfortable gaming experience. Normal LED-backlit monitors adjust brightness using PWM (Pulse Width Modulation) which causes flickering and results in eye discomfort over long periods of time. AOC flicker-free technology uses a DC (Direct Current) backlight system to provide a more comfortable and healthier viewing experience, minimizing the effects of eye fatigue during work hours.



LOW BLUE MODE

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.



VESA MOUNT

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.



Multimedia-Ready with HDMI Input

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



AOC MENU

Easy adjustments just one click away

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

► Specifications

Model Name	27B1H2
Panel	27" (IPS)
Pixel Pitch (mm)	0.3114 (H) × 0.3114 (V)
Effective Viewing Area (mm)	597.89 (H) × 336.31 (V)
Brightness (Typical)	250 cd/m ²
Contrast Ratio	1300 : 1 (Typical) 20 Million : 1
Response Time	1ms MPRT
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Optimum Resolution	1920 × 1080 @ 100Hz – HDMI 1920 × 1080 @ 60Hz – VGA
Display Colors	16.7 Million
Signal Input	VGA × 1, HDMI 1.4 × 1
HDCP Version	HDMI 1.4
USB Hub	no
Power Supply	19V DC, 1.31A
Power Consumption (Typical)	20W
Speakers	no
Line In & Earphone	Earphone
Wall Mount	75mm x 75mm
Adjustable Stand	Tilt: -5° ~ 23°
Product without Stand (mm)	360.4 (H) × 611.3 (W) × 35.7 (D)
Product with Stand (mm)	460.2 (H) × 611.3 (W) × 199.8 (D)
Product without Stand (kg)	3.28 kg
Product with Stand (kg)	5.25 kg
Cabinet Color	Black
Regulatory Approvals	CE / FCC

*. 27B1H2 has been upgraded to 1ms MPRT version since Feb.2023 (manufactured date)