

AOC Basic-line 27B3HA2(27B3HA2)

AOC Basic-line 27B3HA2 - B3 Series - LED monitor - 27" - 1920 x 1080 Full HD (1080p) @ 100 Hz - IPS - 250 cd/m² - 1300:1 - 1 ms - HDMI, VGA - speakers - black



The AOC 27B3HA2 from the Basic-line series is a monitor that combines performance with affordability. This 27-inch LED-backlit LCD monitor is designed for both professional and leisure activities, offering Full HD resolution and an IPS panel for wide viewing angles and superior color accuracy. With AMD Adaptive-Sync technology, it ensures smooth and immersive gaming sessions, free from screen tearing. The wide color gamut, including 96.5% sRGB and 76.9% DCI-P3, makes it an ideal choice for creative professionals seeking accurate color representation. Additionally, the monitor is equipped with features like Flicker-Free technology and a tilt-adjustable stand for enhanced comfort during prolonged use. Its eco-friendly design, characterized by low power consumption, makes it a smart choice for environmentally conscious users. Whether for work, play, or anything in between, the AOC 27B3HA2 offers a compelling blend of features to enhance your digital experience.

Key Selling Points

- 27-inch IPS display with Full HD resolution for crisp, clear visuals
- AMD Adaptive-Sync technology for smooth, tear-free gaming experiences
- 96.5% sRGB and 76.9% DCI-P3 color gamut coverage for vibrant colors
- 1 ms response time and 100 Hz refresh rate for fast-paced action
- Energy-efficient design with a typical power consumption of 23 W

Product Features

- Vivid visuals**
Experience true-to-life colors with the AOC 27B3HA2 monitor, featuring a wide color gamut that includes 96.5% sRGB and 76.9% DCI-P3 coverage, ensuring vibrant and accurate colors for all your multimedia and creative projects.
- Seamless gameplay**
With AMD Adaptive-Sync technology, a 1 ms response time, and a 100 Hz refresh rate, this monitor delivers smooth, tear-free visuals, making it perfect for fast-paced games and dynamic content.
- Comfortable viewing**
The 27-inch IPS display with anti-glare coating and Flicker-Free technology reduces eye strain during long usage periods, while the tilt adjustment allows you to find the perfect viewing angle.
- Expansive connectivity**
Equipped with HDMI and VGA interfaces, along with an audio line-out, the AOC 27B3HA2 offers versatile connectivity options for a wide range of devices, ensuring you can easily connect all your peripherals.
- Eco-friendly design**
This LED-backlit LCD monitor not only provides brilliant image quality but also operates efficiently with a typical power consumption of 23 W, supporting your efforts to save energy.

Main Specifications

Product Description	AOC Basic-line 27B3HA2 - B3 Series - LED monitor - Full HD (1080p) - 27"
Device Type	LED-backlit LCD monitor - 27"
Adaptive-Sync Technology	AMD Adaptive-Sync
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 100 Hz
Pixel Pitch	0.3114 mm
Brightness	250 cd/m²
Contrast Ratio	1300:1 / 20000000:1 (dynamic)
Response Time	4 ms (grey-to-grey), 1 ms (MPRT)
Colour Support	16.7 million colours

Colour Gamut	101.5% sRGB (CIE 1931), 96.5% sRGB (CIE 1976), 74.8% DCI-P3 (CIE 1931), 76.9% DCI-P3 (CIE 1976), 75.2% Adobe RGB (CIE 1931), 82.7% Adobe RGB (CIE 1976), 71.9% NTSC (CIE 1931), 84.1% (NTSC 1976), 101.5% BT.709 (CIE 1931), 96.5% BT.709 (CIE 1976), 53.7% BT.2020 (CIE 1931), 56% BT.2020 (CIE 1976)
Input Connectors	HDMI, VGA
Display Position Adjustments	Tilt
Screen Coating	Anti-glare, Haze 25%
Colour	Black
Dimensions (WxDxH) - with stand	61.66 cm x 22.95 cm x 45.29 cm
Weight	3.98 kg
Compliant Standards	Plug and Play, DDC/CI
Manufacturer Warranty	3-year warranty

Extended Specification

General

Display Type	LED-backlit LCD monitor / TFT active matrix
Diagonal Size	27"
Adaptive-Sync Technology	AMD Adaptive-Sync
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 100 Hz
Pixel Pitch	0.3114 mm
Pixel Per Inch	82
Brightness	250 cd/m²
Contrast Ratio	1300:1 / 20000000:1 (dynamic)
Colour Support	16.7 million colours
Colour Gamut	101.5% sRGB (CIE 1931), 96.5% sRGB (CIE 1976), 74.8% DCI-P3 (CIE 1931), 76.9% DCI-P3 (CIE 1976), 75.2% Adobe RGB (CIE 1931), 82.7% Adobe RGB (CIE 1976), 71.9% NTSC (CIE 1931), 84.1% (NTSC 1976), 101.5% BT.709 (CIE 1931), 96.5% BT.709 (CIE 1976), 53.7% BT.2020 (CIE 1931), 56% BT.2020 (CIE 1976)
Response Time	4 ms (grey-to-grey), 1 ms (MPRT)
Vertical Refresh Rate	48 - 100 Hz
Horizontal Refresh Rate	30 - 115 kHz
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Screen Coating	Anti-glare, Haze 25%
Backlight Technology	WLED
Features	SmartImage, Flicker Free technology, Ultra Narrow Bezels, 6-bit + FRC Color Depth, Global Dimming
Colour	Black
Dimensions (WxDxH)	61.66 cm x 22.95 cm x 45.29 cm - with stand
Weight	3.98 kg

Manufacturer Warranty

Service & Support	Limited warranty - 3 years
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Miscellaneous

Features	Security lock slot (cable lock sold separately), quick release mechanism
Compliant Standards	Plug and Play, DDC/CI
Security Slot Type	Kensington security slot

Power

Power Consumption (Typical)	23 Watt
Power Consumption (Max)	35 Watt
Power Consumption Stand by	0.5 Watt
Power Consumption (Off Mode)	0.3 Watt

Audio

Type	Speakers - stereo
Output Power / Channel	2 Watt

Connectivity

Interfaces	HDMI (HDCP 1.4) VGA Audio line-out
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Dimensions & Weight

Dimensions & Weight Details	With stand - width: 61.66 cm - depth: 22.95 cm - height: 45.29 cm - weight: 3.98 kg Without stand - width: 61.66 cm - depth: 4.53 cm - height: 35.67 cm - weight: 6.58 kg
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Dimensions & Weight (Shipping)

Shipping Weight	6.37 kg
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Mechanical

Display Position Adjustments	Tilt
Tilt Angle	-5/+23
VESA Mounting Interface	100 x 100 mm

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