

AOC B3 27B31H, 68.6 cm (27"), 1920 x 1080 pixels, Full HD, 4 ms, Black

Screen size (inch) 27 - Panel resolution 1920x1080 - Max Refresh rate 120 Hz - Response time MPRT 1 ms - Panel type IPS - HDMI HDMI 1.4 x 1 - D-SUB (VGA) 1x - Sync technology (VRR) Adaptive Sync

Group	Flat Screens
Manufacturer	AOC
Manufacturer item no.	27B31H
EAN/UPC	4038986182225



Description

27" Full HD Display with 120Hz and Adaptive Sync
 The AOC 27B31H boasts a 27" Full HD display with a 120Hz refresh rate, 1ms MPRT, and Adaptive Sync for fluid, responsive visuals. With low blue light, flicker-free technology, and a 3-side frameless design, it ensures both eye comfort and an immersive viewing experience.

Main features

	General
Display diagonal	68.6 cm
Display resolution	1920 x 1080 pixels
HD type	Full HD
Response time	4 ms
Native aspect ratio	16:9
Viewing angle, horizontal	178 °
Viewing angle, vertical	178 °
VESA mounting	Yes
Product colour	Black

Extended details

	Display
Display diagonal	68.6 cm
Display resolution	1920 x 1080 pixels
Native aspect ratio	16:9
Touchscreen	No
HD type	Full HD
Panel type	IPS
LED backlight	Yes
Backlight type	W-LED

Display brightness (typical)	300 cd/m ²
Response time	4 ms
Response time measurement type	GTG (Gray to Gray)
Response time (MPRT)	1 ms
Anti-glare screen	Yes
Screen shape	Flat
Contrast ratio (typical)	1500:1
Contrast ratio (dynamic)	20000000:1
Maximum refresh rate	120 Hz
Viewing angle, horizontal	178 °
Viewing angle, vertical	178 °
Display number of colours	16.7 million colours
Pixel pitch	0.311 x 0.311 mm
Pixel density	82 ppi
Viewable size, horizontal	59.8 cm
Viewable size, vertical	33.6 cm
Display diagonal (metric)	68.6 cm
Surface hardness	3H
sRGB coverage (typical)	116.49 %
Adobe RGB coverage	87.5 %
DCI-P3 coverage	91.2 %
Performance	
NVIDIA G-SYNC	No
AMD FreeSync	No
VESA Adaptive Sync support	Yes
Flicker-free technology	Yes
Low Blue Light technology	Yes
Ports & interfaces	
Built-in USB hub	No
VGA (D-Sub) ports quantity	1
HDMI	Yes
HDMI ports quantity	1
HDMI version	1.4
Audio input	No
Headphone out	No
Microphone in	No
Mobile High-Definition Link (MHL)	No

	Design
Market positioning	Home
Product colour	Black
Frameless design	Yes
Front bezel colour	Black
Detachable stand	Yes
	Multimedia
Built-in speaker(s)	No
Built-in camera	No
Built-in microphone	No
	Ergonomics
VESA mounting	Yes
Panel mounting interface	100 x 100 mm
Cable lock slot	Yes
Cable lock slot type	Kensington
Height adjustment	No
Tilt adjustment	Yes
Tilt angle range	-5 - 25 °
On Screen Display (OSD)	Yes
On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, Dutch, English, Finnish, French, German, Italian, Japanese, Korean, Croatian, Polish, Portuguese, Russian, Spanish, Swedish, Turkish, Ukrainian
Number of OSD languages	19
	Other features
Local dimming	Yes
Warranty period	3 year(s)
Compliance certificates	CE
Certification	WEEE, REACH compliant, RoHs compliant, CB, TUV-Bauart-Mark, TUV-GS-Mark, EAC, FCC
	Packaging content
Cables included	AC, HDMI
Power adapter included	Yes
HDMI cable length	1.5 m
	Weight & dimensions
Width (with stand)	616.6 mm
Depth (with stand)	191.9 mm
Height (with stand)	445.5 mm
Weight (with stand)	3.4 kg
Width (without stand)	616.6 mm
Depth (without stand)	37.4 mm

Height (without stand)	356.7 mm
Weight (without stand)	3.1 kg
Packaging data	
Package width	690 mm
Package depth	124 mm
Package height	447 mm
Package weight	5.3 kg
Power	
Energy efficiency class (SDR)	E
Energy efficiency class (HDR)	E
Energy consumption (SDR) per 1000 hours	21 kWh
Power consumption (typical)	13.36 W
Power consumption (standby)	0.3 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	External
Energy efficiency scale	A to G
Sustainability	
Doesn't contain	Mercury, PVC/BFR