



27B31H

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.

GENERAL	
Model Name	27B31H
Channel	B2C
Product line	Basic-line
Design family	В3
Launch date (ETA)	12/1/2024

Screen size (cm) 68.6 Flat / Curved Flat Display hardness 3H Panel treatment Antiglare (AG) Panel resolution 1920x1080 Resolution name FHD Aspect ratio 16:9 Panel type IPS Backlight type WLED Max Refresh rate 120 Hz Response time GtG 4 ms Response time MPRT 1 ms Static contrast ratio 1500:1 Dynamic contrast ratio 20M:1 Viewing angle (CR10) 178/178 Display colours 16.7 Million Brightness in nits 300 cd/m2 Pixel Pitch (mm) 0 3114	SCREEN	
Flat / Curved Display hardness 3H Panel treatment Antiglare (AG) Panel resolution 1920x1080 Resolution name FHD Aspect ratio 16:9 Panel type IPS Backlight type WLED Max Refresh rate 120 Hz Response time GtG Response time MPRT 1 ms Static contrast ratio 1500:1 Dynamic contrast ratio 20M:1 Viewing angle (CR10) 178/178 Display colours Brightness in nits 300 cd/m2	Screen size (inch)	27
Display hardness 3H Panel treatment Antiglare (AG) Panel resolution 1920x1080 Resolution name FHD Aspect ratio 16:9 Panel type IPS Backlight type WLED Max Refresh rate 120 Hz Response time GtG 4 ms Response time MPRT 1 ms Static contrast ratio 1500:1 Dynamic contrast ratio 20M:1 Viewing angle (CR10) 178/178 Brightness in nits 300 cd/m2	Screen size (cm)	68.6
Panel treatment Antiglare (AG) Panel resolution 1920x1080 Resolution name FHD Aspect ratio 16:9 Panel type IPS Backlight type WLED Max Refresh rate 120 Hz Response time GtG 4 ms Response time MPRT 1 ms Static contrast ratio 1500:1 Dynamic contrast ratio 20M:1 Viewing angle (CR10) 178/178 Brightness in nits 300 cd/m2	Flat / Curved	Flat
Panel resolution 1920x1080 Resolution name FHD Aspect ratio 16:9 Panel type IPS Backlight type WLED Max Refresh rate 120 Hz Response time GtG 4 ms Response time MPRT 1 ms Static contrast ratio 1500:1 Dynamic contrast ratio 20M:1 Viewing angle (CR10) 178/178 Display colours 16.7 Million Brightness in nits 300 cd/m2	Display hardness	ЗН
Resolution name Aspect ratio 16:9 Panel type IPS Backlight type WLED Max Refresh rate 120 Hz Response time GtG A ms Response time MPRT 1 ms Static contrast ratio Dynamic contrast ratio 20M:1 Viewing angle (CR10) Display colours Brightness in nits FHD 16:9 IPS WLED WLED WLED VIED WLED 120 Hz A ms 120 Hz A ms 120 Hz A ms 1500:1 Display contrast ratio 1500:1 Viewing angle (CR10) 178/178 Display colours 16.7 Million Brightness in nits	Panel treatment	Antiglare (AG)
Aspect ratio 16:9 Panel type IPS Backlight type WLED Max Refresh rate 120 Hz Response time GtG 4 ms Response time MPRT 1 ms Static contrast ratio 1500:1 Dynamic contrast ratio 20M:1 Viewing angle (CR10) 178/178 Display colours 16.7 Million Brightness in nits 300 cd/m2	Panel resolution	1920x1080
Panel type IPS Backlight type WLED Max Refresh rate 120 Hz Response time GtG 4 ms Response time MPRT 1 ms Static contrast ratio 1500:1 Dynamic contrast ratio 20M:1 Viewing angle (CR10) 178/178 Display colours 16.7 Million Brightness in nits 300 cd/m2	Resolution name	FHD
Backlight typeWLEDMax Refresh rate120 HzResponse time GtG4 msResponse time MPRT1 msStatic contrast ratio1500:1Dynamic contrast ratio20M:1Viewing angle (CR10)178/178Display colours16.7 MillionBrightness in nits300 cd/m2	Aspect ratio	16:9
Max Refresh rate120 HzResponse time GtG4 msResponse time MPRT1 msStatic contrast ratio1500:1Dynamic contrast ratio20M:1Viewing angle (CR10)178/178Display colours16.7 MillionBrightness in nits300 cd/m2	Panel type	IPS
Response time GtG 4 ms Response time MPRT 1 ms Static contrast ratio 1500:1 Dynamic contrast ratio 20M:1 Viewing angle (CR10) 178/178 Display colours 16.7 Million Brightness in nits 300 cd/m2	Backlight type	WLED
Response time MPRT 1 ms Static contrast ratio 1500:1 Dynamic contrast ratio 20M:1 Viewing angle (CR10) 178/178 Display colours 16.7 Million Brightness in nits 300 cd/m2	Max Refresh rate	120 Hz
Static contrast ratio 1500:1 Dynamic contrast ratio 20M:1 Viewing angle (CR10) 178/178 Display colours 16.7 Million Brightness in nits 300 cd/m2	Response time GtG	4 ms
Dynamic contrast ratio 20M:1 Viewing angle (CR10) 178/178 Display colours 16.7 Million Brightness in nits 300 cd/m2	Response time MPRT	1 ms
Viewing angle (CR10) 178/178 Display colours 16.7 Million Brightness in nits 300 cd/m2	Static contrast ratio	1500:1
Display colours 16.7 Million Brightness in nits 300 cd/m2	Dynamic contrast ratio	20M:1
Brightness in nits 300 cd/m2	Viewing angle (CR10)	178/178
	Display colours	16.7 Million
Pixel Pitch (mm) 0.3114	Brightness in nits	300 cd/m2
i incl. i ich (iiii)	Pixel Pitch (mm)	0.3114
Pixels per Inch 82	Pixels per Inch	82

1/3



EXTERIOR	
Bezel type (front)	Ultra Narrow
Bezel Colour (front)	Black
Bezel finishing (front)	Texture
Cabinet colour (backside)	Black
Cabinet finishing (backside)	Texture

ERGONOMICS	
Vesa wallmount	100x100
Tilt	-5/25

CONNECTIVITY AND MULTIMEDIA	
НДМІ	HDMI 1.4 x 1
USB Hub	-
USB fast charge port	-
D-SUB (VGA)	1x

MULTIMEDIA	
Speakers	-
Built-in Microphone	-

FEATURES	
Sync technology (VRR)	Adaptive Sync
Blue Light Technology	Anti Blue Light
Flicker-Free	Flicker Free
Kensington Lock	✓ ·

SUSTAINABILITY	
TCO Certified	No

POWER / ENVIRONMENTAL	
Power supply	External
Power source	100 - 240V 50/60Hz

2/3



PRODUCT DIMENSIONS (METRIC)	
Product dimensions incl. base (WxHxD) mm	616.6 x 445.5 x 191.9
Packaging dimensions (WxHxD) mm	690 x 447 x 124
Gross weight incl. package (in kg)	5.3
Product with stand (kg)	3.4

WHAT'S IN THE BOX	
HDMI cable	1.5
Power adaptor	