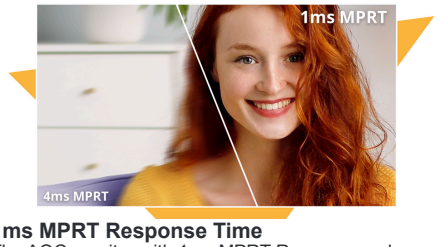
27B35HM

27" Full HD Display with 120Hz and Adaptive Sync

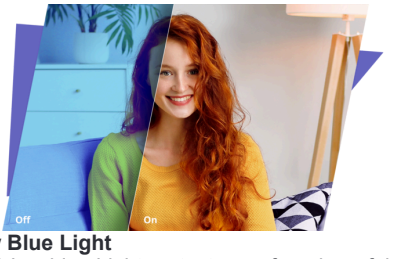
The AOC 27B35HM offers a 27" Full HD display with a 120Hz refresh rate, 1ms MPRT, and Adaptive Sync for smooth, responsive visuals. Enjoy eye comfort and an immersive viewing experience with low blue light, flicker-free technology, and a 3-side frameless design.

Features



1ms MPRT Response Time
The AOC monitor with 1ms MPRT Response reduces significantly the motion blur, making fast-paced action look crisp and clear, providing an edge in reaction-sensitive games. More than speed, the AOC monitor with a 1ms MPRT is a seamless, fluid motion that immerses you in the virtual world. Whether navigating through a fast-paced racing game or engaged in a high-stakes battle, every millisecond counts.

Adaptive sync
Adaptive Sync aligns your monitor's vertical refresh rate with the frame rate delivered by your GPU, making your gameplay and casual gaming experience even more fluid by eliminating stuttering, tearing and judder. This feature is also useful when enjoying videos and other visual media, for a smoother entertainment.



Low Blue Light
AOC Lowblue Light protects you from harmful blue light which, during long sessions, has been shown to cause eye strain, headaches, and sleeping disorders. Our Lowblue Light feature reduces the harmful wavelengths emitted without sacrificing color composition, setting the experience free from the worry of eye damage.

Flicker Free
AOC Flicker-Free Technology utilises a DC (Direct Current) backlight panel, reducing flickering light levels. With eye strain and fatigue absolutely minimized, feel free to enjoy those long, intense gaming sessions in comfort!

Frameless design
Besides looking modern and attractive, frameless designs enable seamless multi-monitor setups. Your cursor/windows will not be lost anymore in the dark abyss of bezels, when many displays are placed side by side.

120Hz Refresh Rate
Equip yourself with twice the frame rate of other monitors and say goodbye to image stuttering and blurry motion. With a 120Hz refresh rate every frame is rendered sharply and in smooth succession, so you can line up your shots accurately and appreciate high speed races in all their glory.

GENERAL	
Model Name	27B35HM
Brand	AOC
Channel	B2C
Product line	Basic-line
Design family	B3
Launch date (ETA)	12/1/2024
EAN	4038986182218

DISPLAY INFORMATION	
Screen size (inch)	27,0
Screen size (cm)	68,6
Flat / Curved	Flat
Display hardness	3H
Panel treatment	Antiglare (AG)
Pixel Pitch (mm)	0,3114
Pixels per Inch	82,0
Panel resolution	1920x1080
Aspect ratio	16:9
Panel type	VA
Backlight type	WLED
Max Refresh rate	100 Hz
Response time GtG	4 ms
Response time MPRT	1 ms
Static contrast ratio	3000:1
Dynamic contrast ratio	20M:1
Viewing angle (CR10)	178/178
Display colours	16.7 Million
Brightness in nits	250 cd/m2

VIDEO FEATURES	
Sync technology (VRR)	Adaptive Sync
Blue Light Technology	Low Blue Light
Colour space (sRGB) CIE 1931 %	101,7
Colour space (sRGB) CIE 1976 %	96,8
Colour space (DCI-P3) CIE 1931 %	75,0
Colour space (DCI-P3) CIE 1976 %	77,1
Colour space (Adobe RGB) CIE 1931 %	75,4
Colour space (Adobe RGB) CIE 1976 %	82,9
Flicker-Free	Flicker Free

CABINET INFORMATION	
Bezel Colour (front)	Black
Cabinet colour (backside)	Black
Cabinet finishing (backside)	Texture
Removable stand	Yes
Kensington Lock	Yes
Vesa wallmount	100x100

ERGONOMICS	
Tilt	-5/25

SUSTAINABILITY	
TCO Certified	No
WEEE	Yes
REACH compliant	Yes
RoHs compliant	Yes
PVC/BFR free housing	Yes
Mercury free	Yes
Recycable packaging material	100 % recycable
Carton material	Paper

POWER CONSUMPTION	
Power supply	External
Power consumption on (typical) in watts	20,0
Power consumption standby in watts	0,3
Power consumption off in watts	0,3
Energy class	E

CONNECTIVITY INFORMATION	
HDMI	HDMI 1.4 x 1
D-SUB (VGA)	1x

PRODUCT DIMENSIONS	
Product dimensions incl. base (WxHxD) mm	614.5 x 451.8 x 191.9
Product dimensions excl. base (WxHxD) mm	614.5 x 363.1 x 35.2
Packaging dimensions (WxHxD) mm	690 × 432 x 103
Gross weight incl. package (in kg)	5,05
Net weight excl. package (in kg)	3,05
Product without stand (kg)	2,73

WHAT'S IN THE BOX	
HDMI cable	1.5
Power adaptor	Yes

OTHER INFORMATION	
Warranty period	3 years