27B3QA2

27" QHD Display with 120Hz and Adaptive Sync

The AOC 27B3QA2 delivers stunning 27" QHD visuals with a 120Hz refresh rate, 1ms MPRT, and Adaptive Sync for smooth, tear-free performance. Enjoy added convenience with built-in 2W speakers, narrow borders, and eye-friendly low blue light and flicker-free technology.



Features



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.



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.



Speakers
Built-in speakers make it easy to catch up with family, friends and colleagues. For movies, music, games and more, you'll enjoy quality audio without the hassle of connecting external speakers.



Slim Design
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.



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!

GENERAL	
Model Name	27B3QA2
Brand	AOC
Channel	B2C
Product line	Basic-line
Design family	B3
Launch date (ETA)	6/1/2025
EAN	4038986182201

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	IPS
Backlight type	WLED
Max Refresh rate	120 Hz
Response time GtG (typical)	4 ms
Response time MPRT	1 ms
Static contrast ratio (typical)	1500:1
Dynamic contrast ratio	20M:1
Viewing angle (CR10)	178/178
Display colours	16.7 Million
Brightness in nits (typical)	300 cd/m²
Local Dimming Zones	Global Dimming

VIDEO FEATURES	
Sync technology (VRR)	Adaptive Sync
Blue Light Technology	Anti Blue Light
Flicker-Free	Flicker Free

CABINET INFORMATION	
Bezel Colour (front)	Black
Cabinet colour (backside)	Black
Cabinet finishing (backside)	Texture
Removable stand	Yes
Speaker power	2 W x 2
Built-in speakers fire direction	Back fire
Kensington Lock	Yes
Vesa wallmount	100x100

ERGONOMIC INFORMATION	
Tilt	-5/25

SUSTAINABILITY	
TCO Certified	No
Energy star	Energy star 8
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	Internal
Power consumption on (Energystar test method) in watts	14,74
Power consumption standby in watts	0,5
Power consumption off in watts	0,3
Energy class	E

CONNECTIVITY INFORMATION	
HDMI	HDMI 1.4 x 1
DisplayPort	DisplayPort 1.2 x 1
Audio Output	Headphone out (3.5mm)
D-SUB (VGA)	1x

PRODUCT DIMENSIONS	
Product dimensions incl. base (WxHxD) mm	616.6 x 452.9 x 229.5
Product dimensions excl. base (WxHxD) mm	616.6 x 356.7 x 45.3
Packaging dimensions (WxHxD) mm	690 x 453 x 142
Gross weight incl. package (in kg)	6,57
Net weight excl. package (in kg)	3,98

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

OTHER INFORMATION	
Warranty period	3 years

⚠ LEGAL DISCLAIMER

The monitor may appear different from the feature image. The products, accessories, cable(s) supplied with the product may vary in type, quantity, and/or specifications in line with country- or region-specific requirements. Specifications are subject to change without notice. The above functionality may vary depending on the user's actual usage conditions. This product is sold with a limited manufacturer's warranty. Please refer to the warranty terms for coverage details. All Rights reserved.