

Compact brilliance with USB-C connectivity and Height-Adjustable Stands for enhanced productivity

Dive into the world of the AOC B3 Series – a seamless blend of innovation and elegance that promises an unparalleled visual experience. Unveil the brilliance of the 27" QHD IPS display, where each frame comes alive with a captivating 100Hz refresh rate and an impressive 1ms MPRT for a cinematic journey like never before. Experience the epitome of convenience with the integrated USB-C 65W port – more than just a connector, it's a power hub that simplifies your digital lifestyle. Enjoy tear-free visuals with courtesy of the Adaptive Sync technology that adds a new dimension to your content. Witness the embodiment of minimalism in the sleek narrow border design with ultra-narrow chin. It offers just 9,5mm height while standard chin borders are 15 – 17mm, a true testament to our dedication to pure beauty. The Height Adjustable Stand goes beyond its functional role; it's your personal sculptor, allowing you to craft your viewing experience to perfection



Features



HDMI
HDMI (High-Definition Multimedia Interface) is supported by the current gaming consoles, current GPUs, set-top boxes, supporting the HDCP digital content protection system. HDMI 1.3-1.4b versions support up to 144 Hz refresh rate@1080p and 75 Hz@1440p, while HDMI 2.0-2.0b versions support 240Hz@1080p, 144Hz@1440p and 60 Hz@2160p (4K).

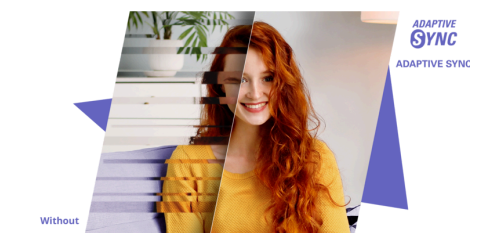
Flicker Free
AOC Flicker-Free Technology utilises a DC (Direct Current) backlight panel, reducing flickering light levels. With eye strain and fatigue absolutely minimized, feel free to enjoy those long, intense gaming sessions in comfort!

Kensington Lock
Kensington Lock is an anti-theft system, comprising a metal-reinforced hole in the body of the respective device, to use with a metal cable secured with a key/lock system. Kensington locks enable you to secure your AOC monitor during a LAN event, an organisation, or wherever you carry it.



100Hz Refresh Rate
Equip yourself with twice the frame rate of other monitors and say goodbye to image stuttering and blurry motion. With a 100Hz 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.

IPS Panel
IPS panel ensures an excellent viewing experience with lifelike yet brilliant and accurate colours. Colours look consistent no matter from which angle you look at the display



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.

GENERAL	
Model Name	Q27B3CF2
Brand	AOC
Channel	B2C
Product line	Basic-line
Design family	B3
EAN	4038986181464

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)	0,2331
Pixels per Inch	109,0
Panel resolution	2560x1440
Aspect ratio	16:9
Panel type	IPS
Backlight type	WLED
Max Refresh rate	100 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	16.7M (8bits)
Brightness in nits	350 cd/m2
Local Dimming Zones	Global Dimming

VIDEO FEATURES	
Sync technology (VRR)	Adaptive Sync
Digital Signal Frequency Vertical	48 - 100 Hz
HDR (High Dynamic Range)	HDR Ready
Blue Light Technology	Low Blue Light
Colour space (sRGB) CIE 1931 %	117,2
Colour space (sRGB) CIE 1976 %	120,8
Colour space (DCI-P3) CIE 1931 %	86,4
Colour space (DCI-P3) CIE 1976 %	96,2
Colour space (Adobe RGB) CIE 1931 %	86,8
Colour space (Adobe RGB) CIE 1976 %	103,5
Flicker-Free	Flicker Free
KVM	No

CABINET INFORMATION	
Bezel Colour (front)	Black
Cabinet colour (backside)	Black
Cabinet finishing (backside)	Matt
Removable stand	Yes
Speaker power	2 W x 2
Built-in speakers fire direction	Back fire
Kensington Lock	Yes
Vesa wallmount	100x100
MonitorWebcam	No

ERGONOMICS	
Tilt	-5 / +25
Height adjust (mm)	110mm
Swivel	No
Pivot	No

SUSTAINABILITY	
TCO Certified	No
Energy star	Energy star 8
Post-consumer recycled plastic	No (B2C)
Carton material	Paper
Carton material print	Water Print (Brown Carton)

POWER CONSUMPTION	
Power supply	Internal
Power consumption on (typical) in watts	35,0
Power consumption standby in watts	0,5
Power consumption off in watts	0,3

CONNECTIVITY INFORMATION

HDMI	HDMI 2.0 x 1
Digital HDCP (HDMI version)	HDCP 2.2
USB Hub	Yes
USB type downstream	2
USB fast charge port	Yes
Audio/microphone	Headphone out (3.5mm)
USB Type Upstream	No
USB generation	USB 3.2 (Gen 1)
D-SUB (VGA)	0x
DVI	0x
RJ45	No

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	616.6 x (398.6-508.6) x 229.8
Product dimensions excl. base (WxHxD) mm	616.6 x 45.6 x 356.7
Packaging dimensions (WxHxD) mm	820 x 162 x 481
Gross weight incl. package (in kg)	8,62
Net weight excl. package (in kg)	5,51
Product without stand (kg)	3,97

WHAT'S IN THE BOX

HDMI cable	1.5
USB-C to C cable	1.8
Power Cable	Yes

OTHER INFORMATION

MTBF	30.000 hours (with backlight)
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⚠ LEGAL DISCLAIMER

The monitor may appear different from the feature image. The products and accessories mentioned may vary by country and region. All Rights reserved. Specifications are subject to change without notice. The above functionality may vary depending on the user's actual usage conditions.