Q27B3CF2

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

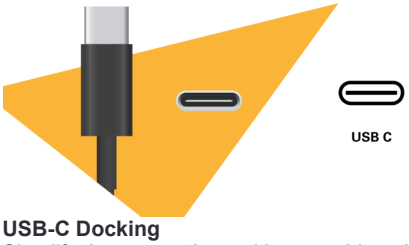
Dive into the world of the AOC B3 Series – a seamless blend of innovation and elegance that promises an unparalleled visual experience. Unveil the brilliance of the 27"" QHD IPS display, where each frame comes alive with a captivating 100Hz refresh rate and an impressive 1ms MPRT for a cinematic journey 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

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.

Height adjustable Stand
Raise or lower the screen to suit each individual's height and seating preferences. The easy-to-adjust stand ensures hours of comfort.

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.



USB-C Docking
Simplify the connections with one cable only. The USB-C connection provides DisplayPort Alternate Mode for transferring high-resolution video signals from a notebook to the monitor while simultaneously charging the notebook's battery from the monitor with USB power delivery.

Power Delivery 65W
USB-C is a rising technology that allows fast data transfer, display signal and power delivery to recharge your devices while working. Through a single slim cable, AOC USB-C technology powers up to 65W, charging conventional low/high power devices (such as your mouse or keyboard), smartphones and laptops.

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
Digital Signal Frequency Horizontal	30k - 115kHz
HDR (High Dynamic Range)	HDR 10
Blue Light Technology	Low Blue Mode
Colour space (sRGB) CIE 1976 %	120,8
Colour space (DCI-P3) CIE 1976 %	96,2
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
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 (typical) in watts	35,0
Power consumption standby in watts	0,5
Power consumption off in watts	0,3
Energy class	E

REGULATORY COMPLIANCE	
CB	Yes
CE	Yes
TUV-Bauart-Mark	Yes
ISO 9241-307	Yes
EAC	Yes
FCC	Yes

CONNECTIVITY INFORMATION	
HDMI	HDMI 1.4 x 2
Digital HDCP (HDMI version)	HDCP 2.2
USB Hub	Yes
USB type downstream	2 x USB-A
USB fast charge port	Yes
Audio Output	Headphone out (3.5mm)
USB Type upstream	1x USB-C (DP Alt Mode), USB-C PD:65W
USB generation	USB 3.2 (Gen 1)

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 356.7 x 45.6
Packaging dimensions (WxHxD) mm	820 x 481 x 162
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	
Warranty period	3 years