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" 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.

GENERAL	
Model Name	Q27B3CF2
Brand	AOC
Channel	B2C
Product type	Monitor
Product line	Basic-line
Design family	B3
Classification	Hero

OTHER INFORMATION

EAN	4038986181464
MTBF	30.000 hours (with backlight)
Accessory box	No
Operation System	Windows 8.1/10/11, MacOS
OSD type	AOC Gaming
Plug & Play Compatibility	Yes, DDC/CI

DISPLAY INFORMATION

Screen size (inch)	27
Screen size (cm)	68.6
Flat / Curved	Flat
Display hardness	3H
Panel treatment	Antiglare (AG)
Pixel Pitch (mm)	0.2331
Pixels per Inch	109
Panel resolution	2560x1440
Resolution name	QHD
Aspect ratio	16:9
Panel type	IPS
Backlight type	WLED
Max Refresh rate	100 Hz
Response time GtG	14 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
Color Gamut	sRGB 99%
OD Response (typical)	4 ms GtG
Panel Haze Value	25%
Picture enhancement (Smartimage)	Yes
Support 1:1 function	No
Panel PPI	109
Local Dimming Zones	Global Dimming

VIDEO FEATURES	
Sync technology (VRR)	Adaptive Sync
NVIDIA Reflex Analyzer	No
G-Sync compatible	No
Digital signal frequency	30k - 115kHz
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
Colour space (NTSC) CIE 1931 %	83
Colour space (NTSC) CIE 1976 %	105.3
Colour space (BT 709) CIE 1931 %	117.2
Colour space (BT 709) CIE 1976 %	120.8
Colour space (BT 2020) CIE 1931 %	62
Colour space (BT 2020) CIE 1976 %	70.1
Flicker-Free	Flicker Free
KVM	No

CABINET INFORMATION

Bezel type (front)	Ultra Narrow
Bezel Colour (front)	Black
Bezel finishing (front)	Texture
Cabinet colour (backside)	Black
Cabinet finishing (backside)	Matt
Light FX (RGB)	No
LED Logo Projector	No
Removable stand	Yes
Speakers	Yes
Speaker power	2 W x 2
Built-in Microphone	No
Kensington Lock	Yes
Vesa wallmount	100x100
Quick release function	No
Sound enhancement	No
VESA Mount screw Spec	M4 x 10
VESA Mount Support	Yes
MonitorWebcam	No

ERGONOMIC INFORMATION

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

CONNECTIVITY INFORMATION

HDMI	HDMI 2.0 x 1
Digital HDCP (HDMI version)	HDCP 2.2
USB-C connectivity	USB-C 3.2 x 1 (DP alt mode, upstream, power delivery up to 65 W)
USB Display Link	No
HDMI (MHL)	No
USB Hub	Yes
USB Hub speed	USB 3.2 (Gen 1)
USB downstream ports	2
USB fast charge port	Yes
Audio Output	Headphone out (3.5mm)
Audio Input	No
Microphone in	No
Displaylink in	No
MST / Daisy chain (DP out or TBT out)	No
Thunderbolt in	0x
Thunderbolt out	0x
PD for USB C/TBT	USB C1 : PD=65W, PD3.0, 5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/3.25A
USB Hub up stream	No
Microphone out	No
D-SUB (VGA)	0x
DVI	0x
RJ45	No

SUSTAINABILITY

TCO Certified	No
Post-consumer recycled plastic	No (B2C)
EPA (latest version)	No
Halogen free	No
Carton material	Paper
Carton material print	Water Print (Brown Carton)

POWER CONSUMPTION

Power supply	Internal
Power source	100 - 240V 50/60Hz
Power consumption on (maximum) in watts	135
Power consumption on (typical) in watts	35
Power consumption standby in watts	0.5
Power consumption off in watts	0.3
Power LED indicator (Operation)	White/Blue
Power LED indicator (Standby)	Orange
Power Switch	No
Smart Power	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 x162 x 481
Packaging dimensions (WxHxD) mm (CN)	820 x162 x 481
Gross weight incl. package (in kg)	8.62
Net weight excl. package (in kg)	5.51
Gross weight incl. package (in kg) (CN)	8.62
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
Power adaptor	Yes

GAMING FEATURES

Low Input Lag	No

MAXIMUM RESOLUTION BY CONNECTOR

Default resolution by input	2560 x 1440
Max resolution by input	2560 x 1440
Max resolution for USB C/TBT (with USB information)	"8 bit panelUSB-C@USB3.2 + source HBR2: QHD 75Hz "

ACOUSTICS

Noise canceling	No