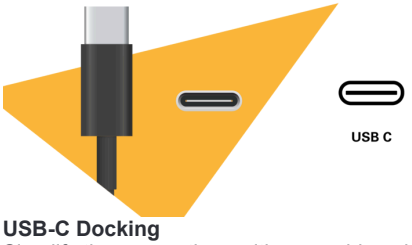
U27B3CF

27-inch UHD monitor featuring an IPS panel, HDR10, USB-C, and a height-adjustable stand

Maximize your productivity with the AOC U27B3CF. This 27-inch UHD monitor features an IPS panel for vivid colors and wide viewing angles, paired with a seamless 60Hz refresh rate for smooth visuals. The height-adjustable stand ensures ergonomic comfort, reducing neck strain during long hours of work. Connectivity is made easy with a USB-C port delivering 65W power, while HDR10 support provides stunningly clear graphics. The monitor also includes built-in 2-watt speakers for an enhanced audio experience.

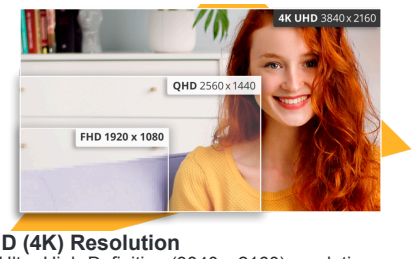
Features

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.



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.

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.



UHD (4K) Resolution
4K Ultra High-Definition (3840 x 2160) resolution delivers ultra-crisp picture quality and allows users to see more on the screen at one time. This provides more screen 'real estate' and shows more detail for sharper and more brilliant images. Whether working on the next beautiful photo, or design, or even just used for productivity, users will marvel at the true, crisp image that only a UHD display can provide.

HBR3
The HBR3 (High Bit Rate 3) stands out by delivering superior bandwidth. This technology supports enhanced resolutions and higher refresh rates, ensuring optimal performance in demanding display environments and applications that require substantial bandwidth.

Experience enhanced visuals with HDR10
HDR10 technology takes picture quality to the next level, seamlessly enhancing the synchronization between your device and monitor. Enjoy vibrant, true-to-life visuals with enhanced depth, clarity, and color accuracy—perfect for creating an immersive and smooth viewing experience. Whether you're working, watching movies, or simply enjoying high-definition content, HDR10 makes every moment sharper and more engaging.

GENERAL	
Model Name	U27B3CF
Brand	AOC
Channel	B2C
Product line	Basic-line
Design family	B3
Launch date (ETA)	7/18/2024
EAN	4038986181518

DISPLAY INFORMATION	
Screen size (inch)	27,0
Screen size (cm)	68,6
Flat / Curved	Flat
Display hardness	3H
Panel treatment	Antiglare (AG)
Pixels per Inch	163,0
Panel resolution	3840x2160
Aspect ratio	16:9
Panel type	IPS
Backlight type	WLED
Max Refresh rate	60 Hz
Response time GtG	4 ms
Static contrast ratio	1000:1
Dynamic contrast ratio	20M:1
Viewing angle (CR10)	178/178
Display colours	1.073B (8bits+FRC)
Brightness in nits	350 cd/m²

VIDEO FEATURES	
Sync technology (VRR)	Adaptive Sync
HDR (High Dynamic Range)	HDR 10
Blue Light Technology	Low Blue Light
Colour space (sRGB) CIE 1931 %	128,7
Colour space (sRGB) CIE 1976 %	125,1
Colour space (DCI-P3) CIE 1931 %	94,9
Colour space (DCI-P3) CIE 1976 %	99,6
Colour space (Adobe RGB) CIE 1931 %	95,4
Colour space (Adobe RGB) CIE 1976 %	107,2
Flicker-Free	Flicker Free
KVM	No

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
MonitorWebcam	No

ERGONOMICS	
Tilt	-5/20
Height adjust (mm)	110mm

SUSTAINABILITY	
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	28,0
Power consumption standby in watts	0,5
Power consumption off in watts	0,3
Energy class	F

CONNECTIVITY INFORMATION	
HDMI	HDMI 2.0 x 1
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), 5 Gbit/s

PRODUCT DIMENSIONS	
Product dimensions incl. base (WxHxD) mm	614.0 × (407.9~517.9) × 229.8
Product dimensions excl. base (WxHxD) mm	614.0 × 363.8 × 45.7
Packaging dimensions (WxHxD) mm	820 x 481 x 162
Gross weight incl. package (in kg)	9,31
Net weight excl. package (in kg)	5,64
Product without stand (kg)	4,08

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
MTBF	50.000 hours