U27B3CF

AOC

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.
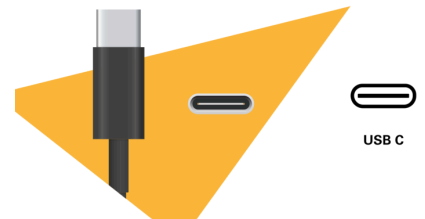

Features

Live the game at its best with HDR10
HDR10 is here to enhance picture quality even further, improving the synchronization of your GPU or your console with the monitor. This creates a more realistic, immersive, and smooth gaming experience: You'll feel like stepping in the game, frame by frame.
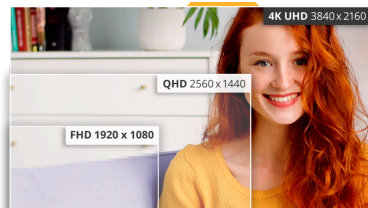

Height adjustable Stand
Raise or lower the screen to suit each individual's height and seating preferences. The easy-to-adjust stand ensures hours of comfort.

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.

GENERAL

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

EXTERIOR

Bezel type (front)	3-sided frameless
Bezel Colour (front)	Black
Bezel finishing (front)	Texture
Cabinet colour (backside)	Black
Cabinet finishing (backside)	Texture

ERGONOMICS

Vesa wallmount	100x100
Tilt	-5/20
Height adjust (mm)	110mm

FEATURES

Sync technology (VRR)	Adaptive Sync
Blue Light Technology	Low Blue Light
Flicker-Free	Flicker Free
KVM	No
Kensington Lock	Yes
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

SCREEN

Screen size (inch)	27,0
Screen size (cm)	68,6
Flat / Curved	Flat
Display hardness	3H
Panel treatment	Antiglare (AG)
Panel resolution	3840x2160
Resolution name	UHD
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
Pixels per Inch	163,0

POWER / ENVIRONMENTAL

Power supply	Internal
Power source	100 - 240V 50/60Hz
Power consumption standby in watts	0,5
Power consumption off in watts	0,3
Energy class	F

WHAT'S IN THE BOX

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

CONNECTIVITY AND MULTIMEDIA

HDMI	HDMI 2.0 x 1
USB-C connectivity	USB-C 3.2 x 1 (DP alt mode, upstream, power delivery up to 65 W)
USB Hub	Yes
USB generation	USB 3.2 (Gen 1)
USB type downstream	2
USB fast charge port	Yes
Speakers	Yes
Speaker power	2 W x 2
Audio Output	Headphone out (3.5mm)
MonitorWebcam	No

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