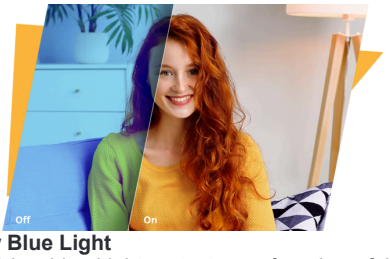
U27B3M

27-inch UHD monitor offering a VA panel, HDR10, AdaptiveSync, and eye comfort features

Enhance your viewing experience with the AOC U27B3M. This 27-inch UHD monitor boasts a VA panel for deep contrasts and rich colors, alongside a 60Hz refresh rate for smooth visuals. Enjoy clear and jitter-free images thanks to AdaptiveSync technology and HDR10 support. The monitor features low blue light and flicker-free technology to reduce eye strain, making it perfect for extended use. The basic normal stand ensures a stable setup, making this monitor a reliable addition to your workspace.

Features

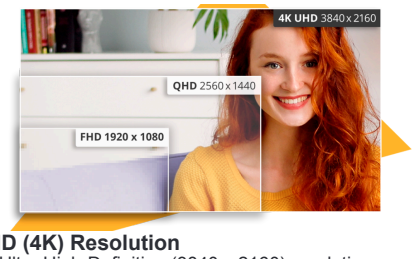
Live the game at its best with HDR10
HDR10 is here to enhance picture quality even further, improving the synchronization of your GPU or your console with the monitor. This creates a more realistic, immersive, and smooth gaming experience: You'll feel like stepping in the game, frame by frame.



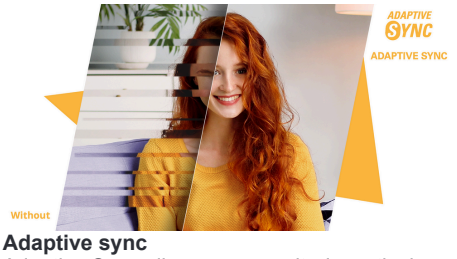
Low Blue Light
AOC Lowblue Light protects you from harmful blue light which, during long sessions, has been shown to cause eye strain, headaches, and sleeping disorders. Our Lowblue Light feature reduces the harmful wavelengths emitted without sacrificing color composition, setting the experience free from the worry of eye damage.

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!

Frameless design
Besides looking modern and attractive, frameless designs enable seamless multi-monitor setups. Your cursor/windows will not be lost anymore in the dark abyss of bezels, when many displays are placed side by side.



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.



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	U27B3M
EAN	4038986181525
Channel	B2C
Product line	Basic-line
Design family	B3
Launch date (ETA)	6/12/2024

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

SUSTAINABILITY

TCO Certified	10

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 %	124,3
Colour space (DCI-P3) CIE 1931 %	94,6
Colour space (DCI-P3) CIE 1976 %	99,0
Colour space (Adobe RGB) CIE 1931 %	95,2
Colour space (Adobe RGB) CIE 1976 %	106,5

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	VA
Backlight type	WLED
Max Refresh rate	60 Hz
Response time GtG	4 ms
Static contrast ratio	3500:1
Dynamic contrast ratio	20M:1
Viewing angle (CR10)	178/178
Display colours	1.073B (8bits+FRC)
Brightness in nits	300 cd/m2

POWER / ENVIRONMENTAL

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

WHAT'S IN THE BOX

HDMI cable	1.5
Power Cable	Yes

CONNECTIVITY AND MULTIMEDIA

HDMI	HDMI 2.0 x 1
DisplayPort	DisplayPort 1.4 x 1
USB Hub	No
Speakers	No
Audio Output	Headphone out (3.5mm)

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	614 × 460 × 229.8
Product dimensions excl. base (WxHxD) mm	614 × 363.8 × 45.5
Packaging dimensions (WxHxD) mm	690 x 453 x 142
Gross weight incl. package (in kg)	6,37
Net weight excl. package (in kg)	3,79
Product without stand (kg)	3,34