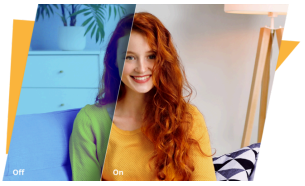
U27B3M

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



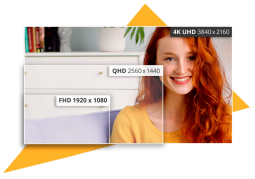
Low Blue Light
AOC Lowblue Light protects you from harmful blue light which, during long sessions, has been shown to cause eye strain, headaches, and sleeping disorders. Our Lowblue Light feature reduces the harmful wavelengths emitted without sacrificing color composition, setting the experience free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

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

DISPLAY INFORMATION	
Screen size (inch)	27,0
Screen size (cm)	68,6
Flat / Curved	Flat
Display hardness	3H
Panel treatment	Antiglare (AG)
Panel resolution	3840x2160
Aspect ratio	16:9
Panel type	VA
Backlight type	WLED
Max Refresh rate	60 Hz
Response time GtG (typical)	4 ms
Static contrast ratio (typical)	3500:1
Dynamic contrast ratio	20M:1
Viewing angle (CR10)	178/178
Display colours	1.073B (8bits+FRC)
Brightness in nits (typical)	300 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 %	128,4
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
Flicker-Free	Flicker Free
KVM	No

CABINET INFORMATION	
Bezel Colour (front)	Black
Cabinet colour (backside)	Black
Cabinet finishing (backside)	Texture
Removable stand	Yes
Kensington Lock	Yes
Vesa wallmount	100x100

ERGONOMIC INFORMATION	
Tilt	-5/20

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	30,0
Power consumption standby in watts	0,3
Power consumption off in watts	0,3
Energy class	F

CONNECTIVITY INFORMATION	
HDMI	HDMI 2.0 x 1
DisplayPort	DisplayPort 1.4 x 1
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

WHAT'S IN THE BOX	
HDMI cable	1.5
Power Cable	Yes

OTHER INFORMATION	
Warranty period	3 years

⚠ LEGAL DISCLAIMER

The monitor may appear different from the feature image. The products, accessories, cable(s) supplied with the product may vary in type, quantity, and/or specifications in line with country- or region-specific requirements. Specifications are subject to change without notice. The above functionality may vary depending on the user's actual usage conditions. This product is sold with a limited manufacturer's warranty. Please refer to the warranty terms for coverage details. All Rights reserved.