

AOC B3 U27B3M, 68.6 cm (27"), 3840 x 2160 pixels, 4K Ultra HD, LCD, 4 ms, Black

Screen size (inch) 27 - Panel resolution 3840x2160 - Max Refresh rate 60 Hz - Panel type VA - HDMI HDMI 2.0 x 1 - DisplayPort DisplayPort 1.4 x 1 - Sync technology (VRR) Adaptive Sync

Group	Flat Screens
Manufacturer	AOC
Manufacturer item no.	U27B3M
EAN/UPC	4038986181525



Description

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.

Main features

	General
Display diagonal	68.6 cm
Display resolution	3840 x 2160 pixels
HD type	4K Ultra HD
Display technology	LCD
Response time	4 ms
Native aspect ratio	16:9
Viewing angle, horizontal	178 °
Viewing angle, vertical	178 °
VESA mounting	Yes
Product colour	Black

Extended details

	Display
Display diagonal	68.6 cm
Display resolution	3840 x 2160 pixels
Native aspect ratio	16:9
Display technology	LCD
Touchscreen	No

HD type	4K Ultra HD
Panel type	VA
LED backlight	Yes
Backlight type	W-LED
Display brightness (typical)	300 cd/m ²
Response time	4 ms
Response time measurement type	GTG (Gray to Gray)
Anti-glare screen	Yes
Screen shape	Flat
Contrast ratio (typical)	3500:1
Contrast ratio (dynamic)	20000000:1
Maximum refresh rate	60 Hz
Viewing angle, horizontal	178 °
Viewing angle, vertical	178 °
Display number of colours	1.073 billion colours
Pixel pitch	0.155 x 0.155 mm
Horizontal scan range	30 - 140 kHz
Vertical scan range	23 - 75 Hz
Viewable size, horizontal	59.8 cm
Viewable size, vertical	33.6 cm
Display diagonal (metric)	68.6 cm
High Dynamic Range (HDR) supported	Yes
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
DDC/CI	Yes
Surface hardness	3H
sRGB coverage (typical)	124.3 %
NTSC coverage (typical)	108.4 %
Adobe RGB coverage	106.5 %
BT.2020 coverage	72.1 %
DCI-P3 coverage	99 %
Ports & interfaces	
Built-in USB hub	No
HDMI	Yes
HDMI ports quantity	1
HDMI version	2.0
DisplayPorts quantity	1

DisplayPort version	1.4
Headphone out	Yes
Headphone outputs	1
Headphone connectivity	3.5 mm
Built-in KVM switch	No
AC (power) in	Yes
Design	
Market positioning	Home
Product colour	Black
Frameless design	Yes
Front bezel colour	Black
Detachable stand	Yes
Multimedia	
Built-in speaker(s)	No
Ergonomics	
VESA mounting	Yes
Panel mounting interface	100 x 100 mm
Cable lock slot	Yes
Cable lock slot type	Kensington
Height adjustment	No
Tilt adjustment	Yes
Tilt angle range	-5 - 20 °
On Screen Display (OSD)	Yes
On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, Dutch, English, Finnish, French, German, Italian, Japanese, Korean, Croatian, Polish, Portuguese, Russian, Spanish, Swedish, Turkish, Ukrainian
Number of OSD languages	19
Plug and Play	Yes
Performance	
VESA Adaptive Sync support	Yes
Flicker-free technology	Yes
Low Blue Light technology	Yes
Other features	
Introduction year	2024
Introduction month	June
Bezel thickness type	Frameless
Warranty period	3 year(s)
Certification	WEEE, REACH compliant, RoHs compliant
Packaging content	

Cables included	AC, HDMI
HDMI cable length	1.5 m
Weight & dimensions	
Width (with stand)	614 mm
Depth (with stand)	229.8 mm
Height (with stand)	460 mm
Weight (with stand)	3.79 kg
Width (without stand)	614 mm
Depth (without stand)	45.5 mm
Height (without stand)	363.8 mm
Weight (without stand)	3.34 kg
Packaging data	
Package width	690 mm
Package depth	142 mm
Package height	453 mm
Package weight	6.37 kg
Power	
Energy efficiency class (SDR)	F
Energy efficiency class (HDR)	G
Energy consumption (SDR) per 1000 hours	26 kWh
Energy consumption (HDR) per 1000 hours	38 kWh
Power consumption (typical)	30 W
Power consumption (standby)	0.3 W
Power consumption (max)	45 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Input current	1.5 A
Power supply type	Internal
Energy efficiency scale	A to G
Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-25 - 55 °C
Operating relative humidity (H-H)	10 - 85 %
Storage relative humidity (H-H)	5 - 93 %
Operating altitude	0 - 5000 m

Non-operating altitude	0 - 12192 m
Sustainability	
Doesn't contain	Mercury, PVC/BFR