27B36XE

27" IPS FHD monitor with 144Hz smoothness and flexible connectivity for everyday work, study, and entertainment.

AOC 27B36XE combines sharp Full HD clarity, smooth 144Hz performance, and comfortable viewing in a clean, modern design. With 16.7 million colors, eye-care features, and flexible connectivity, it delivers a reliable everyday display for work, study, and entertainment.



Features



144Hz Refresh Rate
Equip yourself with twice the frame rate of other monitors and say goodbye to image stuttering and blurry motion. With a 144Hz refresh rate every frame is rendered sharply and in smooth succession, so you can line up your shots accurately and appreciate high speed races in all their glory.



0.5ms MPRT - Moving Picture Response Time
MPRT is an acronym for moving picture response time. MPRT technology disables and enables your monitor backlight during picture changes. Through the reduced time a frame is shown on the monitor, “ghosting” and “blurring” effects are reduced, resulting in a smoother, more “fluid” feeling gaming experience.



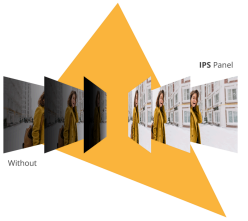
FHD Resolution
Want to watch a Blu-ray movie in full quality, enjoy games in high resolution or read crisp text in office applications? Thanks to its Full HD resolution of 1920 x 1080 pixels, this monitor lets you do just that. Whatever you are viewing, with Full HD it will be displayed in rich detail without requiring a high-end graphics card or consuming a lot of your system’s resources.



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!



HDMI
HDMI (High-Definition Multimedia Interface) is supported by the current gaming consoles, current GPUs, set-top boxes, supporting the HDCP digital content protection system. HDMI 1.3-1.4b versions support up to 144 Hz refresh rate@1080p and 75 Hz@1440p, while HDMI 2.0-2.0b versions support 240Hz@1080p, 144Hz@1440p and 60 Hz@2160p (4K).



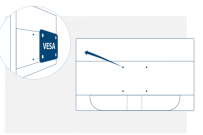
IPS Panel
IPS panel ensures an excellent viewing experience with lifelike yet brilliant and accurate colours. Colours look consistent no matter from which angle you look at the display



Ultra Narrow Border
Displays with ultra-narrow borders allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setup like gaming, graphic design and professional applications, an ultra-narrow border display gives you the feeling of using one large display.



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.



Vesa Mount
AOC's Ergo Base stands bring versatility, sturdiness and ease of use in one package. But do you still want to use your wall mount or multi-monitor setup using desk mounts? VESA mounts bring you the uppermost flexibility. Upside-down, in pivot mode, on top of each other, attach your monitor wherever you want using 3rd party mounts and stands thanks to the VESA mount option.

GENERAL	
Model Name	27B36XE
Brand	AOC
Channel	B2C
Product line	Basic-line
Design family	B36
Launch date (ETA)	1/9/2026
EAN	6973985233654

DISPLAY INFORMATION	
Screen size (inch)	27.0
Flat / Curved	Flat
Curvature Radius	Flat
Panel treatment	Antiglare (AG)
Pixel Pitch (mm)	0.3114
Pixels per Inch	81.59
Panel resolution	1920x1080
Aspect ratio	16:9
Panel type	IPS LCD
Backlight type	WLED
Max Refresh rate	144 Hz
Response time GtG (typical)	4 ms
Response time MPRT	0.5 ms
Static contrast ratio (typical)	1500:1
Dynamic contrast ratio	20M:1
Viewing angle (CR10)	178/178
Display colours	16.7 Million
Brightness in nits (typical)	300 cd/m²

VIDEO FEATURES	
Sync technology (VRR)	Adaptive Sync
Flicker-Free	Flicker Free

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

ERGONOMIC INFORMATION	
Tilt	-5° ~ 23°

SUSTAINABILITY	
RoHs compliant	Yes
Carton material	EPS
Carton material print	Water Print (Brown Carton)

POWER CONSUMPTION	
Power supply	External
Power consumption on (maximum) in watts	29.0
Power consumption on (typical) in watts	20.0
Power consumption standby in watts	0.3
Power consumption off in watts	0.3

REGULATORY COMPLIANCE	
CE	Yes
FCC	Yes

CONNECTIVITY INFORMATION	
HDMI	HDMI 1.4 x 1
Digital HDCP (HDMI version)	HDCP 1.4
DP HDCP version	HDCP 1.4
D-SUB (VGA)	1x

PRODUCT DIMENSIONS	
Product dimensions incl. base (WxHxD) mm	616.0 × 447.4 × 205.6
Product dimensions excl. base (WxHxD) mm	616.0 × 358.8 × 35.9
Packaging dimensions (WxHxD) mm	690 × 480 × 124
Gross weight incl. package (in kg)	4.55
Net weight excl. package (in kg)	3.06
Product without stand (kg)	2.78

OTHER INFORMATION	
MTBF	30.000 hours (with backlight)

⚠ 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.