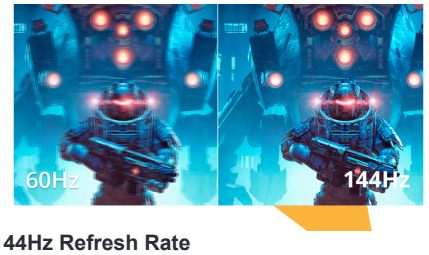
# 27B36X

## Enhance your setup with the 27B36X 27" FHD monitor for work & entertainment

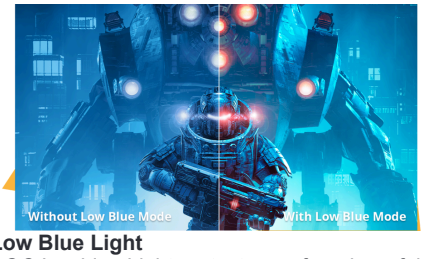
The 27B36X is built for seamless transitions between productivity and entertainment. Its 27" FHD display delivers fluid visuals with a 144Hz refresh rate and ultra-fast 0.5ms MPRT. Adaptive Sync ensures tear-free performance, while HDR10 brings rich contrast and color. Designed for comfort, Low Blue Light technology helps reduce eye strain—making the 27B36X a smart, versatile choice for any workspace or gaming station.

## 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.




**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.

**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.

**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** | 27B36X |
| **Brand** | AOC |
| **Channel** | B2C |
| **Product line** | Basic-line |
| **Design family** | B3 |
| **Launch date (ETA)** | 9/18/2025 |
| **EAN** | 4038986183086 |

| DISPLAY INFORMATION | |
|---|---|
| **Screen size (inch)** | 27,0 |
| **Screen size (cm)** | 68,6 |
| **Flat / Curved** | Flat |
| **Display hardness** | 3H |
| **Panel treatment** | Antiglare (AG) |
| **Pixel Pitch (mm)** | 0,3114 |
| **Pixels per Inch** | 81,59 |
| **Panel resolution** | 1920x1080 |
| **Aspect ratio** | 16:9 |
| **Panel type** | IPS |
| **Backlight type** | WLED |
| **Max Refresh rate** | 144 Hz |
| **Response time GtG** | 4 ms |
| **Response time MPRT** | 0.5 ms |
| **Static contrast ratio** | 1500:1 |
| **Dynamic contrast ratio** | 20M:1 |
| **Viewing angle (CR10)** | 178/178 |
| **Display colours** | 16.7 Million |
| **Brightness in nits** | 300 cd/m² |

| VIDEO FEATURES | |
|---|---|
| **Sync technology (VRR)** | Adaptive Sync |
| **Digital Signal Frequency Vertical** | 48 -144Hz |
| **Digital Signal Frequency Horizontal** | 30k -160kHZ |
| **HDR (High Dynamic Range)** | HDR 10 |
| **Blue Light Technology** | Low Blue Light |
| **Colour space (sRGB) CIE 1976 %** | 128,4 |
| **Colour space (DCI-P3) CIE 1976 %** | 95,5 |
| **Colour space (Adobe RGB) CIE 1976 %** | 91,5 |
| **Flicker-Free** | Flicker Free |

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

| ERGONOMICS | |
|---|---|
| **Tilt** | -5 (+3/-0) ~ +23 (-3/+0) |

| SUSTAINABILITY | |
|---|---|
| **WEEE** | Yes |
| **REACH compliant** | Yes |
| **RoHs compliant** | Yes |

| POWER CONSUMPTION | |
|---|---|
| **Power supply** | External |
| **Power consumption on (typical) in watts** | 22,0 |
| **Power consumption standby in watts** | 0,3 |
| **Power consumption off in watts** | 0,3 |
| **Energy class** | D |

| REGULATORY COMPLIANCE | |
|---|---|
| **CB** | Yes |
| **CE** | Yes |
| **TUV-Bauart-Mark** | Yes |
| **ISO 9241-307** | Yes |
| **EAC** | Yes |
| **FCC** | Yes |

| CONNECTIVITY INFORMATION | |
|---|---|
| **HDMI** | HDMI 1.4 x 1 |
| **Digital HDCP (HDMI version)** | HDCP 1.4 |
| **DisplayPort** | DisplayPort 1.4 x 1 |
| **Audio Output** | Headphone out (3.5mm) |
| **DP HDCP version** | HDCP 1.4 |

| PRODUCT DIMENSIONS | |
|---|---|
| **Product dimensions incl. base (WxHxD) mm** | 616 x 447.4 x 205.6 |
| **Product dimensions excl. base (WxHxD) mm** | 616.0 x 358.8 x 36.2 |
| **Packaging dimensions (WxHxD) mm** | 690 x 447 x 124 |
| **Gross weight incl. package (in kg)** | 5,4 |
| **Net weight excl. package (in kg)** | 3,11 |
| **Product without stand (kg)** | 2,83 |

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

| OTHER INFORMATION | |
|---|---|
| **Warranty period** | 3 years |