# U27B3AF

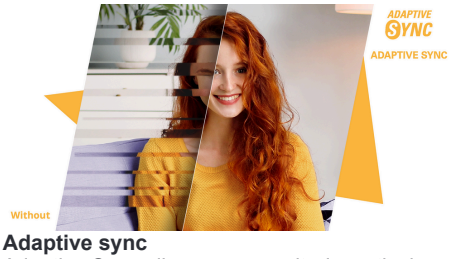
## 27-inch UHD monitor featuring extensive viewing experience for pure productivity with HAS

Boost your productivity to the fullest with the AOC U27B3AF. This 27-inch UHD monitor boasts a smooth 60Hz refresh rate and a sleek three-sided frameless design, ensuring a comfortable viewing experience. Say goodbye to neck strain with its height adjustable stand providing ergonomic features for your posture. Plus, enjoy tear-free visuals thanks to Adaptive Sync technology, and stunningly clear graphics with HDR10 support will enhance your visual performance. With the built-in 2-watt speaker you can have enhanced audio experience.

## 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.

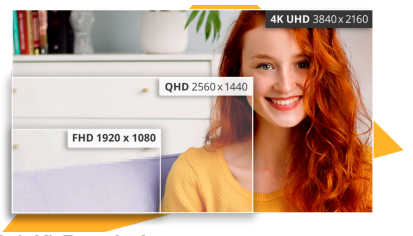
**Height adjustable Stand**
Raise or lower the screen to suit each individual's height and seating preferences. The easy-to-adjust stand ensures hours of comfort.




**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.

**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.

**Speakers**
Built-in speakers make it easy to catch up with family, friends and colleagues. For movies, music, games and more, you'll enjoy quality audio without the hassle of connecting external speakers.




**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.

| GENERAL | |
|---|---|
| **Model Name** | U27B3AF |
| **Brand** | AOC |
| **Channel** | B2C |
| **Product line** | Basic-line |
| **Design family** | B3 |
| **Launch date (ETA)** | 6/14/2024 |
| **EAN** | 4038986181501 |

| 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** | IPS |
| **Backlight type** | WLED |
| **Max Refresh rate** | 60 Hz |
| **Response time GtG** | 4 ms |
| **Static contrast ratio** | 1000:1 |
| **Dynamic contrast ratio** | 20M:1 |
| **Viewing angle (CR10)** | 178/178 |
| **Display colours** | 1.073B (8bits+FRC) |
| **Brightness in nits** | 350 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 %** | 128,7 |
| **Colour space (sRGB) CIE 1976 %** | 125,1 |
| **Colour space (DCI-P3) CIE 1931 %** | 94,9 |
| **Colour space (DCI-P3) CIE 1976 %** | 99,6 |
| **Colour space (Adobe RGB) CIE 1931 %** | 95,4 |
| **Colour space (Adobe RGB) CIE 1976 %** | 107,2 |
| **Flicker-Free** | Flicker Free |
| **KVM** | No |

| CABINET INFORMATION | |
|---|---|
| **Bezel Colour (front)** | Black |
| **Cabinet colour (backside)** | Black |
| **Cabinet finishing (backside)** | Texture |
| **Removable stand** | Yes |
| **Speaker power** | 2 W x 2 |
| **Built-in speakers fire direction** | Back fire |
| **Kensington Lock** | Yes |
| **Vesa wallmount** | 100x100 |

| ERGONOMICS | |
|---|---|
| **Tilt** | -5/20 |
| **Height adjust (mm)** | 110mm |

| SUSTAINABILITY | |
|---|---|
| **TCO Certified** | No |
| **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** | 27,0 |
| **Power consumption standby in watts** | 0,5 |
| **Power consumption off in watts** | 0,3 |
| **Energy class** | F |

| CONNECTIVITY INFORMATION | |
|---|---|
| **HDMI** | HDMI 2.0 x 2 |
| **DisplayPort** | DisplayPort 1.4 x 1 |
| **Audio Output** | Headphone out (3.5mm) |

| PRODUCT DIMENSIONS | |
|---|---|
| **Product dimensions incl. base (WxHxD) mm** | 614.0 × (407.9~517.9) × 229.8 |
| **Product dimensions excl. base (WxHxD) mm** | 614.0 × 363.8 × 45.7 |
| **Packaging dimensions (WxHxD) mm** | 820 x 162 x 481 |
| **Gross weight incl. package (in kg)** | 8,74 |
| **Net weight excl. package (in kg)** | 5,2 |
| **Product without stand (kg)** | 3,64 |

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

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