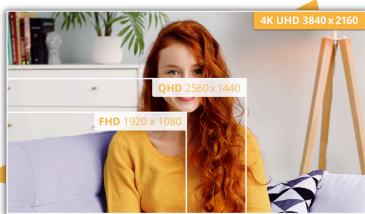


## 27-inch UHD monitor featuring extensive viewing experience for pure productivity

Boost your productivity to the fullest with the AOC U27B3A. 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 eye strain with its low blue light feature providing ample protection for your eyes. Plus, enjoy tear-free visuals thanks to Adaptive Sync technology, and feel yourself in stunningly clear graphics with HDR10 support. With the built-in 2-watt speaker you can have enhanced audio experience.



## Features



### 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.



### 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.



### 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.



### 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.

### 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             | U27B3A                |
| Brand                  | AOC                   |
| Channel                | B2C                   |
| Product line           | Basic-line            |
| Design family          | B3                    |
| Launch date (ETA)      | 6/20/2024             |
| EAN                    | 4038986181495         |
| DISPLAY INFORMATION    |                       |
| Screen size (inch)     | 27,0                  |
| Screen size (cm)       | 68,6                  |
| Flat / Curved          | Flat                  |
| Display hardness       | 3H                    |
| Panel treatment        | Antiglare (AG)        |
| Pixels per Inch        | 163,18                |
| 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/m <sup>2</sup> |
| Local Dimming Zones    | Global Dimming        |

| VIDEO FEATURES                      |                |
|-------------------------------------|----------------|
| Sync technology (VRR)               | Adaptive Sync  |
| Digital Signal Frequency Vertical   | 40 -60Hz       |
| Digital Signal Frequency Horizontal | 30 -140kHz     |
| HDR (High Dynamic Range)            | HDR 10         |
| Blue Light Technology               | Low Blue Light |
| Colour space (sRGB) CIE 1931 %      | 128,0          |
| Colour space (sRGB) CIE 1976 %      | 125,0          |
| 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 |

| SUSTAINABILITY                |                  |
|-------------------------------|------------------|
| TCO Certified                 | No               |
| WEEE                          | Yes              |
| REACH compliant               | Yes              |
| RoHs compliant                | Yes              |
| PVC/BFR free housing          | Yes              |
| Mercury free                  | Yes              |
| Recyclable packaging material | 100 % recyclable |
| Carton material               | Paper            |

| POWER CONSUMPTION                       |          |
|---|----------|
| Power supply                            | Internal |
| Power consumption on (typical) in watts | 27,0     |
| Power consumption standby in watts      | 0,3      |
| Power consumption off in watts          | 0,3      |
| Energy class                            | F        |

## REGULATORY COMPLIANCE

|                 |     |
|-----------------|-----|
| CB              | Yes |
| CE              | Yes |
| TUV-Bauart-Mark | Yes |
| ISO 9241-307    | Yes |
| EAC             | Yes |
| FCC             | Yes |
| UKCA            | Yes |

## 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 × 460 × 229.8    |
| Product dimensions excl. base (WxHxD) mm | 614.0 × 363.8 × 45.7 |
| Packaging dimensions (WxHxD) mm          | 690 x453 x 142       |
| Gross weight incl. package (in kg)       | 6,62                 |
| Net weight excl. package (in kg)         | 4,04                 |
| Product without stand (kg)               | 3,59                 |

## WHAT'S IN THE BOX

|             |     |
|-------------|-----|
| HDMI cable  | 1.5 |
| Power Cable | Yes |

## OTHER INFORMATION

|                 |              |
|-----------------|--------------|
| Warranty period | 3 years      |
| MTBF            | 50.000 hours |

### LEGAL DISCLAIMER

The monitor may appear different from the feature image. The products and accessories mentioned may vary by country and region. 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.