

## 27-inch UHD monitor featuring an IPS panel, HDR10, USB-C, and a height-adjustable stand

Maximize your productivity with the AOC U27B3CF. This 27-inch UHD monitor features an IPS panel for vivid colors and wide viewing angles, paired with a seamless 60Hz refresh rate for smooth visuals. The height-adjustable stand ensures ergonomic comfort, reducing neck strain during long hours of work. Connectivity is made easy with a USB-C port delivering 65W power, while HDR10 support provides stunningly clear graphics. The monitor also includes built-in 2-watt speakers for an enhanced audio experience.



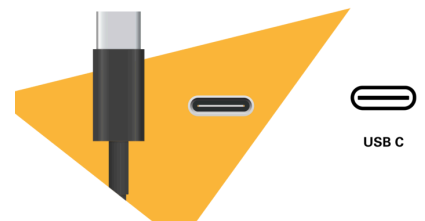
## Features



**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.



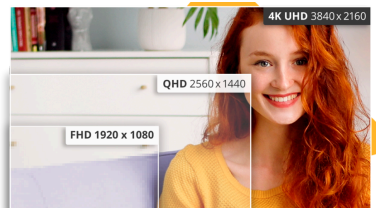
**Height adjustable Stand**  
Raise or lower the screen to suit each individual's height and seating preferences. The easy-to-adjust stand ensures hours of comfort.



**USB-C Docking**  
Simplify the connections with one cable only. The USB-C connection provides DisplayPort Alternate Mode for transferring high-resolution video signals from a notebook to the monitor while simultaneously charging the notebook's battery from the monitor with USB power delivery.



**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.



**HBR3**  
The HBR3 (High Bit Rate 3) stands out by delivering superior bandwidth. This technology supports enhanced resolutions and higher refresh rates, ensuring optimal performance in demanding display environments and applications that require substantial bandwidth.

| GENERAL           |               |
|-------------------|---------------|
| Model Name        | U27B3CF       |
| Brand             | AOC           |
| Channel           | B2C           |
| Product line      | Basic-line    |
| Design family     | B3            |
| Launch date (ETA) | 7/18/2024     |
| EAN               | 4038986181518 |

| 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        | 163,0              |
| 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   |
| MonitorWebcam                    | No        |

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

| SUSTAINABILITY               |                 |
|------------------------------|-----------------|
| 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 | 28,0     |
| Power consumption standby in watts      | 0,5      |
| Power consumption off in watts          | 0,3      |
| Energy class                            | F        |

| CONNECTIVITY INFORMATION |                                      |
|--------------------------|--------------------------------------|
| HDMI                     | HDMI 2.0 x 1                         |
| USB Hub                  | Yes                                  |
| USB type downstream      | 2 x USB-A                            |
| USB fast charge port     | Yes                                  |
| Audio Output             | Headphone out (3.5mm)                |
| USB Type upstream        | 1x USB-C (DP Alt Mode), USB-C PD:65W |
| USB generation           | USB 3.2 (Gen 1), 5 Gbit/s            |

| 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 481 x 162               |
| Gross weight incl. package (in kg)       | 9,31                          |
| Net weight excl. package (in kg)         | 5,64                          |
| Product without stand (kg)               | 4,08                          |

| WHAT'S IN THE BOX |     |
|-------------------|-----|
| HDMI cable        | 1.5 |
| USB-C to C cable  | 1.8 |
| Power Cable       | Yes |

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