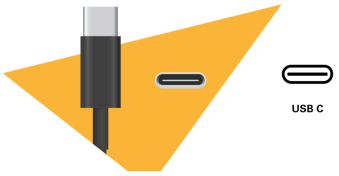
# 27B3CF2

## Compact brilliance with USB-C connectivity and Height-Adjustable Stands for enhanced productivity

Introducing the newest addition to the B3 line– a brilliant 27-inch display featuring an IPS panel for breathtaking visuals and true-to-life colors. If you're looking for something larger than 23.8 inches, the 27B3CF2 is the ideal choice. With USB-C implementation, video signal, power delivery and data transfer are possible at the same time. The monitor boasts the same features as the 24B3CF2, which means it provides height-adjustable stands, seamlessly integrating ergonomic features into your workspace. With the ability to customize the height according to your preferences, you can achieve the perfect viewing angle, reducing strain on your neck and eyes during extended work or studying sessions. Whether you're working or studying, enjoy a more comfortable and enjoyable viewing experience with the expansive screen size of the 27B3CF2.




## Features



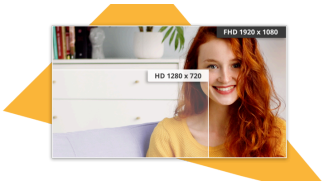

**USB-C Docking**
Simplify connections with just one cable. The USB-C connection supports DisplayPort Alternate Mode, allowing high-resolution video signals to be transmitted from a compatible laptop to the monitor. It also provides up to 15W of USB power delivery for compatible connected devices.




**120Hz Refresh Rate**
Equip yourself with twice the frame rate of other monitors and say goodbye to image stuttering and blurry motion. With a 120Hz 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.




**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).




**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.



**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.




**1ms MPRT Response Time**
The AOC monitor with 1ms MPRT Response reduces significantly the motion blur, making fast-paced action look crisp and clear, providing an edge in reaction-sensitive games. More than speed, the AOC monitor with a 1ms MPRT is a seamless, fluid motion that immerses you in the virtual world. Whether navigating through a fast-paced racing game or engaged in a high-stakes battle, every millisecond counts.




**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.



**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.

| GENERAL | |
|---|---|
| **Model Name** | 27B3CF2 |
| **Brand** | AOC |
| **Channel** | B2C |
| **Product line** | Basic-line |
| **Design family** | B3 |
| **Launch date (ETA)** | 1/1/2024 |
| **EAN** | 4038986181457 |

| 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** | 82,0 |
| **Panel resolution** | 1920x1080 |
| **Aspect ratio** | 16:9 |
| **Panel type** | IPS |
| **Backlight type** | WLED |
| **Max Refresh rate** | 120 Hz |
| **Response time GtG (typical)** | 4 ms |
| **Response time MPRT** | 1 ms |
| **Static contrast ratio (typical)** | 1500:1 |
| **Dynamic contrast ratio** | 20M:1 |
| **Viewing angle (CR10)** | 178/178 |
| **Display colours** | 16.7M (8bits) |
| **Brightness in nits (typical)** | 250 cd/m² |
| **Local Dimming Zones** | Global Dimming |

| VIDEO FEATURES | |
|---|---|
| **Sync technology (VRR)** | Adaptive Sync |
| **Digital Signal Frequency Vertical** | 48 - 110Hz |
| **Digital Signal Frequency Horizontal** | 30k - 115kHz |
| **Blue Light Technology** | Low Blue Light |
| **Colour space (sRGB) CIE 1931 %** | 101,8 |
| **Colour space (sRGB) CIE 1976 %** | 101,4 |
| **Colour space (DCI-P3) CIE 1931 %** | 75,0 |
| **Colour space (DCI-P3) CIE 1976 %** | 80,7 |
| **Colour space (Adobe RGB) CIE 1931 %** | 75,4 |
| **Colour space (Adobe RGB) CIE 1976 %** | 86,9 |
| **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 |

| ERGONOMIC INFORMATION | |
|---|---|
| **Tilt** | -5 / +25 |
| **Height adjust (mm)** | 110mm |
| **Swivel** | No |
| **Pivot** | No |

| SUSTAINABILITY | |
|---|---|
| **TCO Certified** | No |
| **Energy star** | Energy star 8 |
| **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** | 35,0 |
| **Power consumption standby in watts** | 0,5 |
| **Power consumption off in watts** | 0,3 |
| **Energy class** | E |

| 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 |
| **USB Hub** | Yes |
| **USB type downstream** | 2 x USB-A |
| **USB fast charge port** | Yes |
| **Audio Output** | Headphone out (3.5mm) |
| **mini USB (for external keypad)** | No |
| **USB Type upstream** | 1x USB-C (DP Alt Mode), USB-C PD:65W |
| **USB generation** | USB 3.2 (Gen 1) |
| **D-SUB (VGA)** | 0x |
| **DVI** | 0x |
| **RJ45** | No |

| PRODUCT DIMENSIONS | |
|---|---|
| **Product dimensions incl. base (WxHxD) mm** | 616.6 x (398.6-508.6) x 229.8 |
| **Product dimensions excl. base (WxHxD) mm** | 616.6 x 356.7 x 45.3 |
| **Packaging dimensions (WxHxD) mm** | 820 x 481 x 162 |
| **Gross weight incl. package (in kg)** | 8,71 |
| **Net weight excl. package (in kg)** | 5,56 |
| **Product without stand (kg)** | 4,03 |

| 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 |


### ⚠ 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.