# Q27B3MA/BK

**AOC**

## Reliable, comfortable, and convenient solution for your home office

The AOC Q27B3MA is a 27" three-side frameless monitor that can fully support your daily workflow, for a reliable home office, mixing quality and comfort. Enjoy great quality image with QHD resolution, wide angles and peak 300 nits brightness. It also includes a good array of connectivity options and internal speakers



| 27"<br>68,6 cm | VA PANEL | QHD<br>QUAD HD | 3 SIDED FRAMELESS | 75Hz | ADAPTIVE SYNC |

## Features



**QHD Resolution**
With 2560 x 1440 resolution, Quad HD (QHD) offers superior picture quality and sharp imagery that reveals the finest details. The widescreen 16:9 aspect ratio provides plenty of space to spread out and work, plus allows you to enjoy games or movies in their original size.



**VA Panel**
VA Panels (Vertical Alignment) display deeper blacks and a high contrast for extra vivid and bright images.



**75Hz Refresh Rate**
Get the upper edge! With a 75 Hz refresh rate, the display panel draws 75 frames each second. 75 Hz refresh rate is 25% faster than what is offered on most entry level displays at 60 Hz, while still being affordable and delivering those extra frames gamers need to beat their opponents.
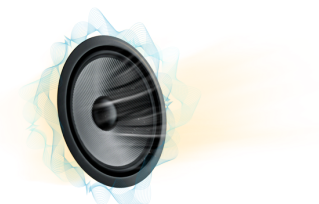


**HDMI**
HDMI (High-Definition Multimedia Interface) is supported by the current gaming consoles, current GPUs, set-top boxes, supporting the HDCP digital content protection system. HDMI 1.3-1.4b versions support up to 144 Hz refresh rate@1080p and 75 Hz@1440p, while HDMI 2.0-2.0b versions support 240Hz@1080p, 144Hz@1440p and 60 Hz@2160p (4K).



**Display Port**
DisplayPort offers ultra-fast digital audio and video transmission without quality loss or input lag. Quickly and easily connect a range of devices to your screen, including your computer, laptop, media player, game console and more. It's perfect for professionals as well as the most demanding home users.



**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.

## GENERAL

| | |
|---|---|
| **Model Name** | Q27B3MA/BK |
| **EAN** | 4038986180429 |
| **Channel** | B2B, B2C |
| **Product line** | Basic-line |
| **Design family** | B3 |
| **Launch date (ETA)** | 8/21/2022 |

## EXTERIOR

| | |
|---|---|
| **Bezel type (front)** | 3-sided frameless |
| **Bezel Colour (front)** | Black |
| **Bezel finishing (front)** | Matt |
| **Cabinet colour (backside)** | Black |
| **Cabinet finishing (backside)** | Matt |

## ERGONOMICS

| | |
|---|---|
| **Vesa wallmount** | 100x100 |
| **Tilt** | ¬3.5° ±1.5° ~ 21.5° ±1.5° |
| **Pivot** | No |

## FEATURES

| | |
|---|---|
| **Sync technology (VRR)** | Adaptive Sync |
| **Blue Light Technology** | Low Blue Light |
| **Flicker-Free** | Flicker Free |
| **KVM** | No |
| **Colour space (sRGB) CIE 1976 %** | 96,0 |
| **Colour space (DCI-P3) CIE 1931 %** | 75,0 |
| **Colour space (DCI-P3) CIE 1976 %** | 76,0 |
| **Colour space (Adobe RGB) CIE 1931 %** | 76,0 |
| **Colour space (Adobe RGB) CIE 1976 %** | 82,0 |

## SCREEN

| | |
|---|---|
| **Screen size (inch)** | 27,0 |
| **Screen size (cm)** | 68,6 |
| **Flat / Curved** | Flat |
| **Display hardness** | 6H |
| **Panel treatment** | Antiglare (AG) |
| **Panel resolution** | 2560x1440 |
| **Resolution name** | QHD |
| **Aspect ratio** | 16:9 |
| **Panel type** | VA |
| **Backlight type** | WLED |
| **Max Refresh rate** | 75 Hz |
| **Response time GtG** | 4 ms |
| **Static contrast ratio** | 4000:1 |
| **Dynamic contrast ratio** | 20M:1 |
| **Viewing angle (CR10)** | 178/178 |
| **Display colours** | 16.7 Million |
| **Brightness in nits** | 250 cd/m2 |
| **Pixel Pitch (mm)** | 0,2331 |
| **Pixels per Inch** | 108,8 |

## POWER / ENVIRONMENTAL

| | |
|---|---|
| **Power supply** | External |
| **Power source** | 100 - 240V 50/60Hz |
| **Power consumption standby in watts** | 0,5 |
| **Power consumption off in watts** | 0,3 |
| **Energy class** | F |

## WHAT'S IN THE BOX

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

## CONNECTIVITY AND MULTIMEDIA

| | |
|---|---|
| **HDMI** | HDMI 1.4 x 2 |
| **DisplayPort** | DisplayPort 1.2 x 1 |
| **Digital HDCP (HDMI version)** | HDCP 1.4 |
| **USB Hub** | No |
| **USB fast charge port** | No |
| **RJ45** | No |
| **D-SUB (VGA)** | 0x |
| **DVI** | 0x |
| **Speakers** | Yes |
| **Speaker power** | 2 W x 2 |
| **Audio Output** | Headphone out (3.5mm) |

## PRODUCT DIMENSIONS

| | |
|---|---|
| **Product dimensions incl. base (WxHxD) mm** | 614 x 460 x 229.8 |
| **Product dimensions excl. base (WxHxD) mm** | 614 x 363.8 x 44.7 |
| **Packaging dimensions (WxHxD) mm** | 690 x 453 x 142 |
| **Gross weight incl. package (in kg)** | 6,31 |
| **Net weight excl. package (in kg)** | 3,82 |