# 25B40HM

## 24.45" VA FHD monitor with a 100Hz refresh rate for smooth, comfortable everyday viewing.

The AOC 25B40HM combines sharp Full HD clarity, a high-contrast VA panel, and a smooth 100Hz refresh rate for comfortable everyday viewing. Eye-care features help reduce strain during long sessions, while HDMI and VGA provide broad compatibility. Its frameless design, VESA support, and intuitive controls create a clean, flexible setup for work, study, and entertainment.

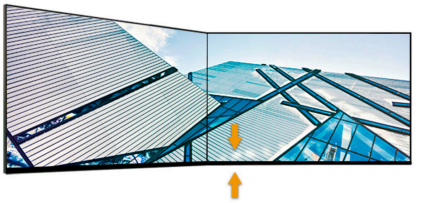


## Features

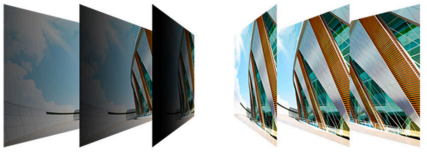



**100Hz Refresh Rate**
Equip yourself with twice the frame rate of other monitors and say goodbye to image stuttering and blurry motion. With a 100Hz refresh rate every frame is rendered sharply and in smooth succession, so you can line up your shots accurately and appreciate high speed races in all their glory.

**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.



**Upgraded 3-Sided Frameless**
Embrace the limitless potential of the new upgraded 3-sided frameless, maximising viewing size with bezels more narrow than ever before to create the pinnacle of beauty, form, and function. Harness the full potential of this new feature by using it as part of a multi-monitor setup, where you can experience unrivalled seamlessness and elegance between screens.



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

**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.




**Flicker Free**
AOC Flicker-Free Technology utilises a DC (Direct Current) backlight panel, reducing flickering light levels. With eye strain and fatigue absolutely minimized, feel free to enjoy those long, intense gaming sessions in comfort!

| GENERAL | |
|---|---|
| **Model Name** | 25B40HM |
| **Brand** | AOC |
| **Channel** | B2B, B2C |
| **Product line** | Basic-line |
| **Design family** | B40 |
| **EAN** | 697 398523 399 9 |

| DISPLAY INFORMATION | |
|---|---|
| **Screen size (inch)** | 24.5 |
| **Flat / Curved** | Flat |
| **Curvature Radius** | Flat |
| **Pixel Pitch (mm)** | 0.2802 |
| **Panel resolution** | 1920x1080 |
| **Aspect ratio** | 16:9 |
| **Panel type** | VA |
| **Backlight type** | WLED |
| **Max Refresh rate** | 100 Hz |
| **Response time GtG (typical)** | 4 ms |
| **Response time MPRT** | 1 ms |
| **Static contrast ratio (typical)** | 3500:1 |
| **Dynamic contrast ratio** | MEGA DCR |
| **Viewing angle (CR10)** | 178/178 |
| **Display colors** | 16.7 Million |
| **Brightness in nits (typical)** | 250 cd/m² |
| **Local Dimming Zones** | Global Dimming |

| VIDEO FEATURES | |
|---|---|
| **Sync technology (VRR)** | Adaptive Sync |
| **HDR (High Dynamic Range)** | HDR Mode |
| **Blue Light Technology** | Low Blue Mode |
| **Flicker-Free** | Flicker Free |

| CABINET INFORMATION | |
|---|---|
| **Cabinet colour (backside)** | Black |
| **Kensington Lock** | Yes |
| **Vesa wallmount** | 100x100 |

| ERGONOMIC INFORMATION | |
|---|---|
| **Tilt** | -5° ~ 23° |

| SUSTAINABILITY | |
|---|---|
| **RoHs compliant** | Yes |
| **Post-consumer recycled plastic** | No (B2C) |

| POWER CONSUMPTION | |
|---|---|
| **Power supply** | External |
| **Power consumption on (Energystar test method) in watts** | 25.0 |
| **Power consumption on (typical) in watts** | 0.3 |
| **Power consumption standby in watts** | 0.3 |

| REGULATORY COMPLIANCE | |
|---|---|
| **CE** | Yes |

| CONNECTIVITY INFORMATION | |
|---|---|
| **HDMI** | HDMI 1.4 x 1 |
| **Digital HDCP (HDMI version)** | HDCP 1.4 |
| **D-SUB (VGA)** | 1x |

| PRODUCT DIMENSIONS | |
|---|---|
| **Product dimensions incl. base (WxHxD) mm** | 560.0 × 418.6 × 161.4 |
| **Product dimensions excl. base (WxHxD) mm** | 560.0 × 327.9 × 39.8 |
| **Packaging dimensions (WxHxD) mm** | 615 × 420 × 111 |
| **Gross weight incl. package (in kg)** | 4.41 |
| **Net weight excl. package (in kg)** | 2.64 |
| **Product without stand (kg)** | 2.35 |


### ⚠ 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.