# X24E4U

## Work smarter with the X24E4U 24" WUXGA Monitor

The X24E4U features a 24" WUXGA (1900x1200) display with a 16:10 aspect ratio and smooth 100Hz refresh rate, providing extra vertical space for enhanced productivity. With Hardware Anti-Blue Light and a Height Adjustable Stand (HAS), it ensures all-day viewing comfort. Perfect for coding, writing, data work, and any task that benefits from a taller screen.

## 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.

**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.

**Anti-Blue light**
AOC has created an innovative solution to protect against the damaging effects of blue light from computer screens. AOC's Anti-Blue Light technology is revolutionary in reducing the intensity and strength of blue light from computer screens while still maintaining true color and clarity.

**D-Mode**
Professional monitor with grayscale precision for X-rays. D-Mode simulates the DICOM Part 14 standard, delivering stable and consistent grayscale performance. This ensures medical images like X-rays can be viewed with greater clarity and reliability in non-diagnostic settings such as training, consultation, or hospital administration.

**16:10 ratio, 1900x1200**
With 1900×1200 resolution in a 16:10 format, you gain extra vertical workspace and sharper detail than standard 1080p. The balanced performance makes it ideal for design, productivity, and multitasking, while still delivering smooth viewing and gaming when you switch to play.

| GENERAL | |
|---|---|
| **Model Name** | X24E4U |
| **Brand** | AOC |
| **Channel** | B2B |
| **Product line** | Essential-line |
| **Design family** | E4 |
| **EAN** | 4038986143158 |

| DISPLAY INFORMATION | |
|---|---|
| **Screen size (inch)** | 24,0 |
| **Screen size (cm)** | 60,96 |
| **Flat / Curved** | Flat |
| **Display hardness** | 3H |
| **Panel treatment** | Antiglare (AG) |
| **Pixel Pitch (mm)** | 0,27 |
| **Pixels per Inch** | 94,07 |
| **Panel resolution** | 1920x1200 |
| **Aspect ratio** | 16:10 |
| **Panel type** | IPS |
| **Backlight type** | WLED |
| **Max Refresh rate** | 100 Hz |
| **Response time GtG** | 4 ms |
| **Static contrast ratio** | 1500:1 |
| **Dynamic contrast ratio** | 20M:1 |
| **Viewing angle (CR10)** | 178/178 |
| **Display colours** | 16.7 Million |
| **Brightness in nits** | 300 cd/m² |
| **Local Dimming Zones** | Global Dimming |

| VIDEO FEATURES | |
|---|---|
| **Sync technology (VRR)** | Adaptive Sync |
| **Digital Signal Frequency Vertical** | VGA: 47-76 Hz/ HDMI1.4/DP1.2 : 48-100 Hz |
| **Digital Signal Frequency Horizontal** | VGA: 28 -90kHz/ HDMI1.4/DP1.2: 28-150kHz |
| **HDR (High Dynamic Range)** | HDR Mode |
| **Blue Light Technology** | TUV Eye Comfort (hardware) |
| **Colour space (sRGB) CIE 1976 %** | 117,8 |
| **Flicker-Free** | Flicker Free |

| 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** | Down fire |
| **Kensington Lock** | Yes |
| **Vesa wallmount** | 100x100 |

| ERGONOMICS | |
|---|---|
| **Tilt** | -5~30° |
| **Height adjust (mm)** | 150mm |
| **Swivel** | -180°~180° |
| **Pivot** | -90°~90° |

| SUSTAINABILITY | |
|---|---|
| **TCO Certified** | Yes |
| **Energy star** | Energy star 8 |
| **EPEAT** | Gold |
| **ECMA Eco declaration** | Yes |
| **Product carbon footprint (PCF)** | Yes |
| **WEEE** | Yes |
| **REACH compliant** | Yes |
| **RoHs compliant** | Yes |
| **HF** | Yes |
| **PVC/BFR free housing** | Yes |
| **Mercury free** | Yes |
| **Recycable packaging material** | FSC Mix Certification |
| **Post-consumer recycled plastic** | 85% |
| **EPA (latest version)** | Yes |

| POWER CONSUMPTION | |
|---|---|
| **Power supply** | Internal |
| **Power consumption on (typical) in watts** | 15,5 |
| **Power consumption standby in watts** | 0,3 |
| **Power consumption off in watts** | 0,3 |
| **Energy class** | B |

| REGULATORY COMPLIANCE | |
|---|---|
| **CB** | Yes |
| **CE** | Yes |
| **TUV-GS-Mark** | Yes |
| **TUV Ergo** | Yes |
| **EAC** | Yes |
| **FCC** | Yes |
| **UKCA** | Yes |

| CONNECTIVITY INFORMATION | |
|---|---|
| **HDMI** | HDMI 1.4 x 1 |
| **Digital HDCP (HDMI version)** | HDCP 1.4 |
| **DisplayPort** | DisplayPort 1.4 x 1 |
| **USB Hub** | Yes |
| **USB type downstream** | 4 x USB-A |
| **USB fast charge port** | Yes |
| **Audio Output** | Headphone out (3.5mm), 1 x Audio in |
| **USB Type upstream** | 1 x USB-B |
| **USB generation** | USB 3.1 (Gen 1), 5 Gbit/s |
| **D-SUB (VGA)** | 1x |

| PRODUCT DIMENSIONS | |
|---|---|
| **Product dimensions incl. base (WxHxD) mm** | 533.2 x 381.5~531.4 × 219.4 |
| **Product dimensions excl. base (WxHxD) mm** | 533.2 x 347.4 × 49.5 |
| **Packaging dimensions (WxHxD) mm** | 650 x 455 × 139 |
| **Gross weight incl. package (in kg)** | 7,32 |
| **Net weight excl. package (in kg)** | 5,22 |
| **Product without stand (kg)** | 3,2 |

| SOFTWARE | |
|---|---|
| **Software** | I-Menu |

| WHAT'S IN THE BOX | |
|---|---|
| **HDMI cable** | 1.8 |
| **Displayport cable** | 1.8 |
| **Power Cable** | Yes |

| OTHER INFORMATION | |
|---|---|
| **Warranty period** | 5 years |