

# AOC

# Productivity That's Easy on the Eyes



## E40 Monitor

### 24E40L

- ▶ IPS Wide Viewing Angle
- ▶ Circular Polarizing light TUV Circular Polarization Certificate
- ▶ 144Hz Refresh Rate and 0.5ms MPRT Response Time



**144Hz**

**0.5ms**

**ADAPTIVE SYNC**



[www.aoc.com](http://www.aoc.com)

vision at **Heart**

## ► Features



### Engineered for better visual experiences

IPS displays deliver 178/178-degree viewing angles while maintaining consistent image quality and colors from all viewing positions. You can also view your spreadsheets or weekend movies from virtually any angle without compromising color uniformity.



Conventional screen

IPS



### Circular polarization

Circular polarization is an advanced light modulation technology where the electric field rotates as light travels. This TÜV verified technology replicates the gentle, diffuse qualities of sunlight, minimizing glare and visual fatigue.



### UltraNarrow Bezel for seamless appearance

Displays with ultra-narrow bezel allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setup like gaming, graphic design and professional applications, an ultra-narrow bezel display gives you the feeling of using one large display.



### High Dynamic Range (HDR) for more lifelike colorful visuals

High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and captivating color, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colors never before seen on display, giving you a visual experience that engages your senses and inspires emotions.



### 144Hz translates high GPU framerates into a smooth and responsive gameplay experience

Make the most of the graphical output of your PC with a monitor that can handle it: 144Hz translates GPU framerates into a smooth and responsive gameplay experience. Unleash your reflexes.



60Hz

144Hz



### 0.5ms MPRT response time decreases motion blur to eliminate smearing or ghosting.

A pixel response time of 0.5ms MPRT means speed without the smear for an enhanced gaming experience. Fast-moving action and dramatic transitions will be rendered smoothly without the annoying effects of ghosting. Choose the right path to gaming success, and never let a slow display stop you.



### ClearVision technology upscales images from SD to HD for a sharper picture

The AOC ClearVision image performance engine upscales Standard-Definition (SD) sources to High-Definition (HD), resulting in sharper, more vivid viewing.



### Flicker-free technology for reduced eye fatigue

Flicker-free technology reduces flicker to give you a more comfortable gaming experience. Normal LED-backlit monitors adjust brightness using PWM (Pulse Width Modulation) which causes flickering and results in eye discomfort over long periods of time. AOC flicker-free technology uses a DC (Direct Current) backlight system to provide a more comfortable and healthier viewing experience, minimizing the effects of eye fatigue during work hours.



Without

With



### An innovative solution to protect against the blue light from computer screens

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.



### Direct access to the on-screen display settings

AOC's i-Menu allows direct access to the monitor's on-screen display settings utilizing a mouse.

## ► Specifications

Model Name	24E40L
Panel	23.8" (IPS LCD)
Pixel Pitch (mm)	0.2745 (H) × 0.2745 (V)
Effective Viewing Area (mm)	527.04 (H) × 296.46 (V)
Brightness (typical)	300 cd/m <sup>2</sup>
Contrast Ratio	1500 : 1 (typical)
Response Time	4ms (GtG) / 0.5ms MPRT
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 101% (CIE1976) / sRGB 112% (CIE1931)
Optimum Resolution	1920 × 1080 @ 144Hz - HDMI, DisplayPort
Display Colors	16.7 Million
Signal Input	HDMI 1.4 × 1, DisplayPort 1.2 × 1
USB Hub	No
Power Supply	Internal 100 - 240V~1.5A, 50 / 60Hz
Power Consumption (typical)	16W
Speakers	No
Line In/Earphone	Earphone × 1
Wall-Mount	100mm × 100mm
Adjustable Stand	Tilt: -5° ~ 23°
Product without Stand (mm)	321.0 (H) × 544.0 (W) × 51.0 (D)
Product with Stand (mm)	422.5 (H) × 544.0 (W) × 175.0 (D)
Packaging (mm)	420 (H) × 615 (W) × 124 (D)
Product without Stand (kg)	2.66 kg
Product with Stand (kg)	2.97 kg
Product with Packaging (kg)	4.91 kg
Cabinet Color	Black
Regulatory Approvals	CE / FCC / RoHS / TÜV Circular Polarization certificate / TÜV Low Blue Light certificate

Design and Specifications are subject to change without notice.

