



# AOC E1 22E1Q Cmputer Monitor Specifications and Datasheet

[Home](#) » [AOC](#) » AOC E1 22E1Q Cmputer Monitor Specifications and Datasheet 

## Contents

- [1 AOC E1 22E1Q Cmputer Monitor](#)
- [2 22E1Q](#)
- [3 FEATURES](#)
- [4 SPECIFICATIONS](#)
- [5 Contact Details](#)
- [6 Frequently Asked Questions](#)



**AOC E1 22E1Q Cmputer Monitor**



BETWEEN THE LEAST BITBETWEEN THE LEAST BIT CLEARLCLEARLY VISIBLEY VISIBLE

## 22E1Q

The AOC E1 22E1Q Computer Monitor is a versatile and feature-rich display designed to elevate your viewing experience. With a 21.5-inch panel, Full HD resolution, and multiple connectivity options, it's suitable for various tasks, from work to entertainment. This monitor prioritizes eye comfort with Low Blue Mode and Flicker-Free technology, making it ideal for extended use. Its adjustable stand, VESA mount compatibility, and intuitive software enhance usability, ensuring a customizable and ergonomic setup. Additionally, the monitor holds various certifications for quality and environmental sustainability. Explore its capabilities and optimize your visual experience with the AOC E1 22E1Q.

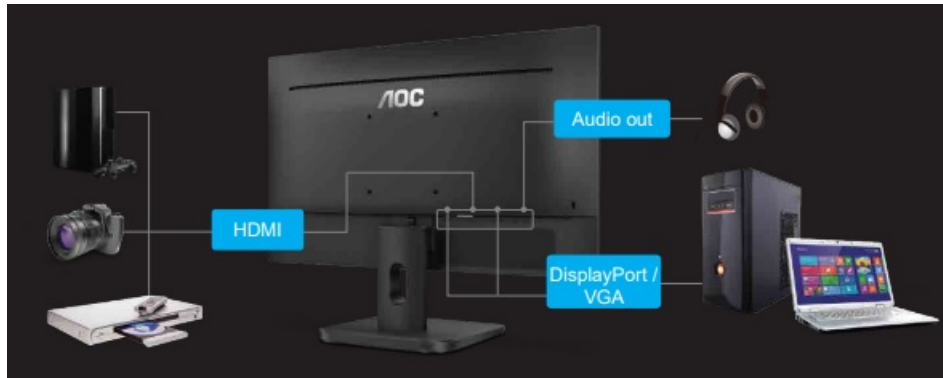
- DisplayPort & HDMI, VGA input
- Cable Management
- Low Blue Mode & Flicker Free for eye care
- VESA Mount

## FEATURES



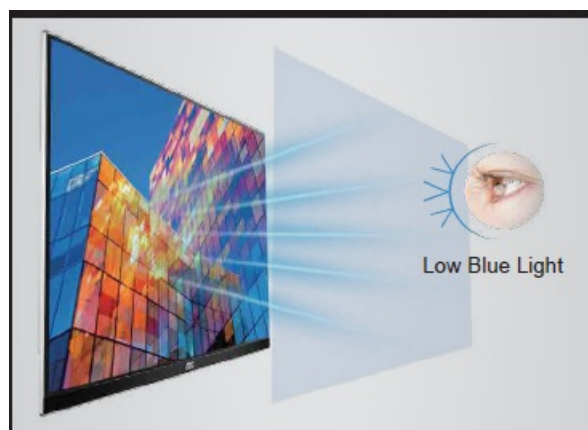
Multimedia-Ready with HDMI Input

- HDMI (High-Definition Multimedia Interface) is the digital video and sound standard for connecting the latest consumer electronics like Blu-ray players and game consoles.



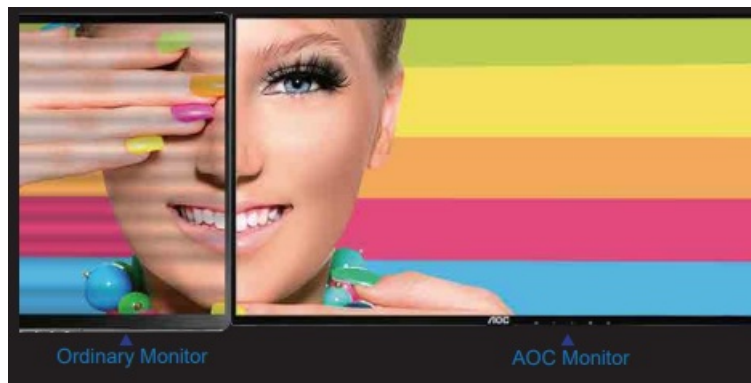
**Low Blue Mode**

- AOC Low Blue Mode filters harmful short-wave blue light, with 4 levels that suit different viewing situations.



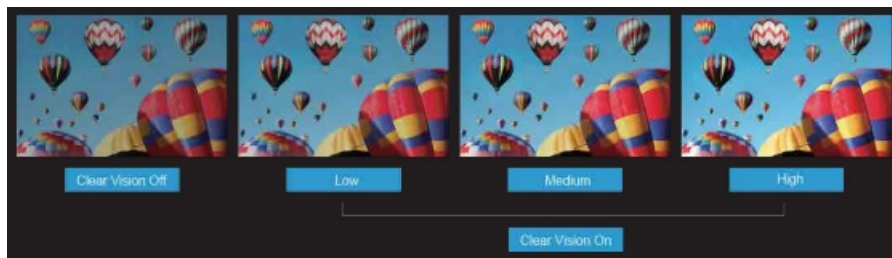
**Flicker Free Backlight Technology**

- Most LED monitors use PWM (pulse width modulation) to control brightness; the pulsing creates flicker that may cause discomfort, headaches and eye strain, especially in low-light environments. Flicker Free technology uses a smooth DC (direct current) backlight system.



### Clear Vision

- The image performance engine can upscale Standard Definition (SD) sources to High Definition (HD) for sharper, more vivid viewing.



### Screen+

- The bundled Screen+ software splits the PC workspace into four self-contained panes to group application windows for easier viewing. Screen+ also supports multiple monitors.



### i-Menu

Included PC software allows the user to change the OSD settings using their mouse.



### E-Saver

- Software enables the user to set a low power configuration of the monitor when the PC is in screen saving, PC off, and user absence. User can choose the time to turn the monitor off, to save power consumption.

## SPECIFICATIONS

- **Model Name:** 22E1Q
- **Panel Size:** 21.5" / 546.21mm
- **Pixel Pitch (mm):** 0.24795 (H) × 0.24795 (V)
- **Effective Viewing Area (mm):** 476.064 (H) × 267.786 (V)
- **Brightness (typical):** 250 cd/m<sup>2</sup>
- **Contrast Ratio:** 3000:1 (Typical) / 20 Million : 1 (DCR)
- **Smart Response:** 8ms (GtG)
- **Viewing Angle:** 178° (H) / 178° (V) (CR > 10)
- **Color Gamut:** NTSC 89% (CIE1976) / sRGB 102% (CIE1931)
- **Optimum Resolution:** 1920 × 1080 @ 60Hz
- **Display Colors:** 16.7 Million
- **Signal Input:** VGA, HDMI 1.4, DisplayPort
- **Power Supply:** 100 – 240V 1.5A, 50 / 60Hz
- **Smart Power Mode (Typical):** 20W
- **Built-in Speakers:** 2W × 2
- **Regulatory Approvals:** CE / FCC / TCO 7 / EPA 7.0
- **Wall-Mount:** 100mm x 100mm
- **Cabinet Color:** Black
- **Adjustable Stand:** Tilt: -3.5° ~ 21.5°
- **Product with Stand (mm):** 393.7 (H) × 504.4 (W) × 199.4 (D)
- **Packaging (mm):** 401 (H) × 564 (W) × 137 (D)
- **Weight (Net / Gross) kg:** 2.72 / 4.3

Design and Specifications are subject to change without notice.

## Contact Details

- **Website:** [www.aoc.com](http://www.aoc.com)
- **Copyright:** © 2018 AOC Monitors. All rights reserved.
- **Trademark:** AOC is a registered trademark.
- **Other Trademarks:** All other trademarks are the property of their respective owners.

## Frequently Asked Questions

Does the monitor have HDMI input for multimedia devices?

Yes, it has HDMI input for connecting multimedia devices like Blu-ray players and game consoles.

Can I connect my gaming console or Blu-ray player to this monitor using HDMI?

Yes, the AOC E1 22E1Q monitor comes equipped with HDMI (High-Definition Multimedia Interface) input, which allows you to easily connect gaming consoles, Blu-ray players, and other HDMI-enabled devices. This feature ensures that you can enjoy high-definition content with both vivid visuals and audio through a single

cable connection. Whether you're gaming or watching your favorite movies, the HDMI input provides a seamless and convenient solution for entertainment.

How does Low Blue Mode help with eye protection?

Low Blue Mode is a valuable feature for eye protection during extended monitor use. It functions by reducing the emission of harmful short-wave blue light from the monitor. Prolonged exposure to blue light, especially during nighttime or extended screen time, can strain your eyes and affect your sleep quality. By activating Low Blue Mode, you can create a more comfortable viewing environment that is less likely to cause eye fatigue, helping to enhance your overall well-being during long computing sessions.

What are the benefits of Flicker-Free Backlight Technology for users?

Flicker-Free Backlight Technology is a significant advantage for users who spend substantial time in front of their monitors. Traditional LED monitors employ PWM (pulse width modulation) to control brightness levels, which can lead to screen flickering. This flicker may not be noticeable to the naked eye but can contribute to discomfort, headaches, and eye strain, particularly in low-light settings. Flicker-Free technology, on the other hand, uses a smooth DC (direct current) backlight system, ensuring a steady and flicker-free viewing experience. This reduction in flicker enhances user comfort, making it ideal for tasks such as reading, working, or gaming.

Can Clear Vision improve the quality of lower-resolution content?

Yes, Clear Vision is a valuable feature that enhances the quality of lower-resolution content, such as Standard Definition (SD) sources. This image performance engine works by upscaling SD content to High Definition (HD), resulting in a sharper and more vibrant viewing experience. So, whether you're watching older videos, playing legacy games, or working with lower-resolution images, Clear Vision can help optimize the visuals and bring out more detail, providing a better overall viewing quality.

How can I use Screen+ software to improve my multitasking experience?

The bundled Screen+ software is designed to enhance your multitasking experience by effectively organizing your PC workspace. It allows you to split your screen into four self-contained panes, each capable of displaying different application windows. This feature makes it easier to manage and view multiple tasks simultaneously. Whether you're working on documents, browsing the web, or using various applications, Screen+ can help streamline your workflow and boost productivity. Additionally, if you have multiple monitors, Screen+ offers support for multiple screens, further enhancing your multitasking capabilities.

Can I change the monitor's settings easily with i-Menu software?

Absolutely, the included i-Menu software provides a convenient way to adjust the monitor's settings directly from your computer using your mouse. This user-friendly software eliminates the need to navigate the monitor's on-screen display (OSD) menu using physical buttons, making it more accessible and efficient to customize settings like brightness, contrast, color balance, and more. It simplifies the process of fine-tuning the monitor to your preferred preferences, ensuring a personalized and comfortable viewing experience.

How does e-Saver software help in conserving power?

The e-Saver software is a handy tool that enables you to manage and reduce the power consumption of your AOC E1 22E1Q monitor. It allows you to configure the monitor to enter a low-power mode under specific conditions. For example, when your PC goes into screen-saving mode or is turned off, or when there is user inactivity, the monitor can be set to automatically power down or enter an energy-efficient state. This feature helps conserve energy and lower your electricity consumption, contributing to both cost savings and environmental sustainability.

Is the AOC E1 22E1Q monitor wall-mountable?

Yes, the AOC E1 22E1Q monitor is designed with VESA mounting compatibility, specifically supporting a 100mm x 100mm VESA pattern. This means you can easily mount the monitor on a compatible wall bracket or monitor arm, allowing you to free up desk space, create a customized viewing setup, or achieve a clean and clutter-free workspace. Wall mounting provides flexibility in positioning the monitor to suit your preferences and ergonomic needs, offering a more versatile and space-efficient solution.

What is the weight of the monitor with and without the stand?

The AOC E1 22E1Q monitor weighs approximately 2.72 kilograms (kg) without the stand, and its weight increases to around 4.3 kg when used with the stand. This weight information is important to consider if you plan to wall-mount the monitor or if you require portability.

Are there any regulatory approvals for this monitor?

Yes, the AOC E1 22E1Q monitor complies with several regulatory approvals, ensuring its adherence to industry standards. These certifications include CE (Conformité Européenne) for European conformity, FCC (Federal Communications Commission) for electromagnetic interference compliance, TCO 7 (TCO Certified) for sustainable and ergonomic design, and EPA 7.0 (Environmental Protection Agency) indicating energy-efficient and environmentally friendly operation. These certifications signify that the monitor meets various quality, safety, and environmental criteria.

Can I adjust the monitor's tilt angle?

Yes, the AOC E1 22E1Q monitor features an adjustable stand that allows you to tilt the monitor's angle to optimize your viewing comfort. You can adjust the tilt angle within a range of -3.5° to 21.5°. This flexibility enables you to position the monitor at an angle that suits your ergonomic preferences, ensuring a comfortable and strain-free viewing experience, whether you're working, gaming, or watching content for extended periods.

Is there a disclaimer regarding design and specifications?

Yes, there is a disclaimer on the monitor's specifications and design. It states that both the design and specifications are subject to change without notice. This disclaimer is common in the tech industry and acknowledges that manufacturers may make improvements, adjustments, or updates to their products over time to enhance performance, features, or aesthetics. Therefore, it's advisable to refer to the latest product documentation or the manufacturer's website for the most up-to-date information on the AOC E1 22E1Q monitor.

---

Manuals+