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› AOPEN 20E0Q bi 19.5-inch HD+ Monitor Instruction Manual

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Model: UM.IE0AA.002

1. INTRODUCTION

The AOPEN 20E0Q bi is a 19.5-inch HD+ monitor designed for professional and home use. It features a 1600 x 900 resolution, a 75Hz refresh rate, and a 6ms response time for clear and smooth visuals. This monitor incorporates AOPEN VisionCare technologies, including a BlueLight Filter and Flickerless technology, to reduce eye strain during extended viewing. It offers versatile connectivity with both HDMI and VGA ports and is VESA mountable for flexible installation.



Figure 1.1: Front view of the AOPEN 20E0Q bi monitor.

Video 1.1: Product Overview. This video demonstrates the monitor's features, unboxing, and connectivity options.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your product package. If any items are missing or damaged, please contact your retailer.

- AOPEN 20E0Q bi 19.5-inch Monitor
- Monitor Stand (Base and Neck)
- Power Adapter
- HDMI Cable
- User Manual (this document)

3. SETUP

3.1 Assembling the Monitor Stand

1. Carefully place the monitor face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the back of the monitor by aligning the tabs and pushing until it clicks into place.
3. Attach the stand base to the bottom of the stand neck. Secure it with the captive screw, usually located on the underside of the base.



Figure 3.1: Side profile of the monitor, illustrating its design.

3.2 Connecting the Monitor

The AOPEN 20E0Q bi monitor supports both HDMI and VGA connections.

1. **Power Connection:** Connect the power adapter to the DC-in port on the back of the monitor, then plug the adapter into a power outlet.
2. **Video Connection (HDMI):** Connect one end of the HDMI cable to the HDMI port on your computer or video

source, and the other end to the HDMI port on the monitor.

3. **Video Connection (VGA):** Alternatively, connect a VGA cable (not included) to the VGA port on your computer and the VGA port on the monitor. Secure the VGA cable with its screws.



Figure 3.2: Rear view of the monitor with visible connectivity ports.

3.3 VESA Mounting

This monitor is compatible with VESA 100 x 100mm mounting standards. To mount the monitor on a wall or an articulating arm, remove the stand and attach the VESA-compatible bracket (not included) to the four screw holes on the back of the monitor. Follow the instructions provided with your VESA mounting kit.

4. OPERATING THE MONITOR

4.1 Power On/Off

Press the power button, typically located on the bottom right side or back of the monitor, to turn the monitor on or off. The power indicator light will illuminate when the monitor is on.

4.2 Input Source Selection

If you have multiple devices connected, you may need to manually select the input source. Use the control buttons on the back of the monitor to access the On-Screen Display (OSD) menu. Navigate to the 'Input' or 'Source' option and select either HDMI or VGA.





Figure 4.1: Location of control buttons on the monitor's rear side.

4.3 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various display settings. Use the control buttons to navigate through the menu options:

- **Brightness/Contrast:** Adjust the overall luminance and contrast of the display.
- **Color Settings:** Modify color temperature, gamma, and individual RGB levels.
- **Eye Protection:** Activate or adjust the BlueLight Filter and Flickerless settings to reduce eye strain.
- **Picture Mode:** Select from preset display modes optimized for different content types (e.g., Standard, Movie, Game).
- **Menu Exit:** Exit the OSD menu.

5. MAINTENANCE

5.1 Cleaning the Monitor

- **Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner. Never spray liquid directly onto the screen.
- **Casing:** Use a soft, dry cloth to clean the monitor casing. Avoid using abrasive cleaners or solvents.

5.2 General Care

- Avoid placing the monitor in direct sunlight or near heat sources.
- Ensure adequate ventilation around the monitor.
- Do not place heavy objects on the monitor or its cables.
- Unplug the monitor from the power outlet during lightning storms or when unused for extended periods.

6. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following common troubleshooting steps:

- **No Power:** Ensure the power cable is securely connected to both the monitor and the power outlet. Check if the power adapter is functioning correctly.
- **No Signal:** Verify that the video cable (HDMI or VGA) is properly connected to both the monitor and the computer. Ensure the correct input source is selected in the OSD menu. Try restarting your computer.
- **Image is Blurry/Distorted:** Check the display resolution settings on your computer to ensure they match the monitor's native resolution (1600 x 900). For VGA connections, use the 'Auto Adjust' function in the OSD menu if available.
- **Flickering Screen:** Ensure the refresh rate is set correctly (75Hz recommended). Check for loose cable connections. If the issue persists, try disabling any eye protection features temporarily to see if they are contributing.
- **Incorrect Colors:** Reset color settings to default in the OSD menu. Ensure the video cable is not damaged.

If these steps do not resolve the issue, please contact customer support.

7. SPECIFICATIONS

Detailed technical specifications for the AOPEN 20E0Q bi monitor:

Feature	Specification
Model Name	AOPEN 20E0Q bi
Model Number	UM.IE0AA.002
Screen Size	19.5 Inches
Panel Type	TN
Native Resolution	1600 x 900 (HD+)
Aspect Ratio	16:9
Refresh Rate	75 Hz
Response Time	6 Milliseconds (G to G)
Contrast Ratio	100,000,000:1 (Dynamic)
Viewing Angle	65 Degrees
Connectivity	1 x HDMI, 1 x VGA
Mounting Type	VESA Wall Mount (100 x 100mm)
Eye Protection	BlueLight Filter, Flickerless Technology

Feature	Specification
Dimensions (D x W x H)	8.3"D x 18.45"W x 14.67"H
Item Weight	5.73 Pounds



Figure 7.1: Monitor dimensions.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This AOPEN monitor comes with a **3-year warranty for parts and labor**. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects and malfunctions under normal use conditions.

8.2 Customer Support

For technical assistance, warranty service, or further inquiries, please refer to the official AOPEN support website or contact their customer service department. Contact information can typically be found on the manufacturer's website or in the warranty card included with your product.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question