acer SB272U Ebiip

Acer SB272U Ebiip 27-inch WQHD Monitor User Manual

Model: SB272U Ebiip (UM.HS2AA.E04)

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Acer SB272U Ebiip 27-inch WQHD monitor. Please read this guide thoroughly before using the product to ensure proper functionality and safety.

2. SAFETY INFORMATION

- Always place the monitor on a stable, flat surface to prevent it from falling.

- Do not block ventilation openings. Ensure adequate space around the monitor for proper airflow.

- Use only the power adapter and cables provided with the monitor.

- Avoid exposing the monitor to extreme temperatures, humidity, or direct sunlight.

- Do not attempt to service the monitor yourself. Refer all servicing to qualified service personnel.

- Unplug the monitor from the power outlet before cleaning.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Acer SB272U Ebiip Monitor

- Monitor Stand (Base and Neck)

- Power Cord

- HDMI Cable

4. SETUP

4.1 Assembling the Stand

1. Carefully remove the monitor from its packaging and place it 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 firmly until it clicks into place.

3. Attach the stand base to the stand neck. Secure it with the captive screw located at the bottom of the base.

For visual guidance on stand assembly, refer to the following video:

Video: A user demonstrates the assembly of a similar Acer monitor stand, showing how to attach the base to the neck and then to the monitor. This video provides a general overview of the physical setup process.

4.2 Connecting the Monitor

1. Connect the provided HDMI cable from your computer's HDMI output to one of the HDMI 2.0 ports on the monitor. Alternatively, use a DisplayPort 1.2 cable for DisplayPort connections.

2. Connect the power cord to the monitor's power input and then to a power outlet.

3. Press the power button on the monitor to turn it on.

Image: Rear view of the Acer SB272U Ebiip monitor, highlighting the Display Port 1.2, two HDMI 2.0 ports, and the audio out port for connecting external devices.

4.3 VESA Mounting

The monitor is VESA mounting compliant (75 x 75mm), allowing it to be mounted on a wall or an adjustable arm. Ensure you use VESA-compatible mounting hardware (sold separately) and follow the instructions provided with your mounting solution.
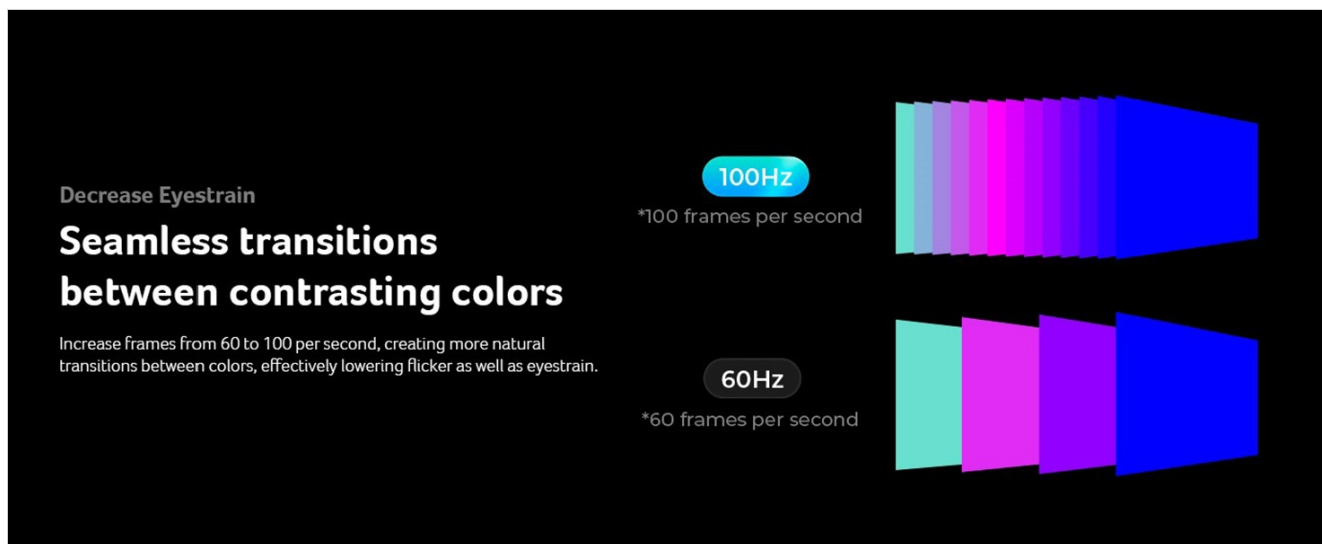
Image: An Acer monitor shown mounted on an adjustable VESA arm, demonstrating its compatibility with external mounting solutions for flexible placement.

5. OPERATING THE MONITOR

5.1 Power On/Off

Press the power button, usually located on the bottom right of the monitor, to turn the display on or off. The power indicator light will illuminate when the monitor is active.

5.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the buttons located on the bottom edge of the monitor to navigate the menu and make selections.

- **Brightness/Contrast:** Adjust the display's luminance and contrast levels.
- **Color Settings:** Modify color temperature, gamma, and other color-related options.
- **Input Selection:** Manually switch between DisplayPort and HDMI inputs.
- **Audio:** Adjust volume or mute if external speakers are connected to the audio out port. Note: This monitor does not have built-in speakers.
- **Gaming Settings:** Enable/disable AMD FreeSync, adjust response time (VRB), and other gaming-specific features.

5.3 Key Features

- **WQHD (2560 x 1440) Resolution:** Provides a sharp and detailed visual experience for both work and entertainment.

Image: A visual comparison demonstrating the enhanced detail and clarity offered by WQHD resolution compared to a standard resolution.

- **AMD FreeSync Technology:** Synchronizes the monitor's refresh rate with your graphics card's frame rate to eliminate screen tearing and stuttering, providing a smoother gaming and viewing experience.

Image: A side-by-side comparison illustrating the difference between a display with AMD FreeSync enabled (tear-free) and one without (showing screen tearing).

- **100Hz Refresh Rate:** Offers a smoother visual experience, reducing motion blur and improving responsiveness, especially in fast-paced content.

Image: A visual representation comparing the smoothness of a 100Hz refresh rate display to a lower refresh rate, highlighting reduced flicker and improved clarity.

- **1ms Visual Response Boost (VRB):** Minimizes ghosting and blurring in fast-moving images, ensuring clear and crisp visuals.

Image: A comparison showing the effect of 1ms VRB, where fast-moving objects appear sharp and clear on the left, versus blurred on the right without VRB.

- **Low Blue Light** / **Acer VisionCare™:** Technologies designed to reduce eye strain during prolonged use by filtering out harmful blue light and minimizing flicker.
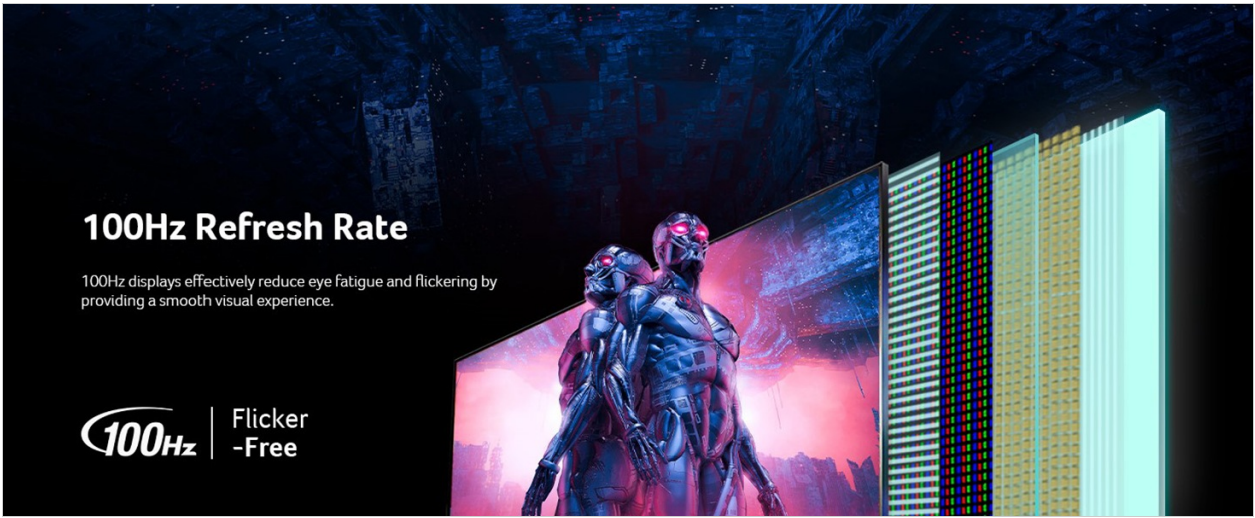
Image: A person working comfortably at a desk with an Acer monitor, illustrating the benefits of Acer VisionCare technology for reducing eye strain.

- **Zero-Frame Design:** An ultrathin bezel design that maximizes screen space and is ideal for multi-monitor setups.
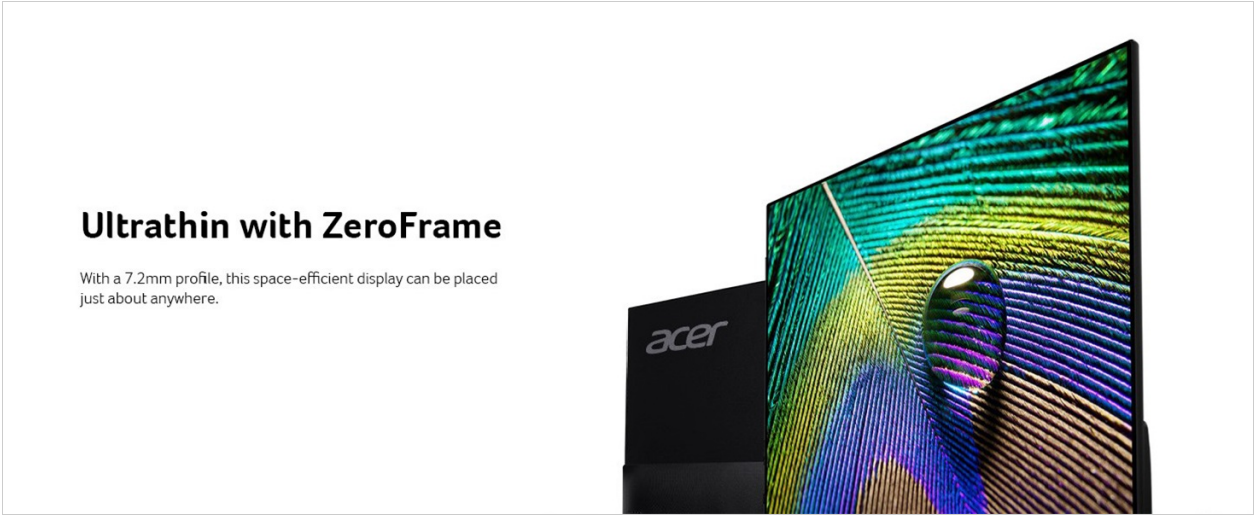

Image: A close-up view of the monitor's edge, highlighting its ultrathin 7.2mm profile and ZeroFrame design.

6. MAINTENANCE

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, dampen the cloth with a mild, non-abrasive screen cleaner. Do not spray cleaner directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor casing. Avoid using strong detergents or abrasive cleaners.
- **Storage:** If storing the monitor for an extended period, disconnect it from power, pack it in its original packaging, and store it in a cool, dry place.

7. TROUBLESHOOTING

Problem	Possible Solution
No power	Ensure the power cord is securely connected to the monitor and the power outlet. Check if the power outlet is functional.

Problem	Possible Solution
No signal	Verify that the video cable (HDMI or DisplayPort) is correctly connected to both the monitor and your computer. Select the correct input source via the OSD menu.
Image is blurry or distorted	Check the display resolution settings on your computer to ensure they match the monitor's native resolution (2560 x 1440). Adjust OSD settings like sharpness or reset to factory defaults.
Screen tearing or stuttering	Ensure AMD FreeSync is enabled in both the monitor's OSD settings and your graphics card's control panel.

8. SPECIFICATIONS

Feature	Detail
Screen Size	27 Inches
Resolution	WQHD (2560 x 1440)
Panel Type	IPS (In-Plane Switching)
Refresh Rate	100Hz
Response Time	1ms VRB (Visual Response Boost)
Aspect Ratio	16:9
Brightness	250 nits
Pixel Pitch	0.233mm
Connectivity	1 x Display Port 1.2, 2 x HDMI 2.0, 1 x Audio Out
Ergonomic Tilt	-5° to 15°
VESA Mounting	75 x 75mm
Product Dimensions (with stand)	8.82 x 24.17 x 17.79 inches
Item Weight (with stand)	8.64 pounds
Model Number	UM.HS2AA.E04
Screen Surface Description	Matte

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Acer support website. Keep your purchase receipt as proof of purchase for warranty claims.