

acer EDA323QU S3bmiiphx

Acer Nitro EDA323QU S3bmiiphx 31.5-inch WQHD Curved Gaming Monitor Instruction Manual

Model: EDA323QU S3bmiiphx

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INTRODUCTION

Thank you for choosing the Acer Nitro EDA323QU S3bmiiphx 31.5-inch WQHD Curved Gaming Monitor. This manual provides essential information for setting up, operating, and maintaining your monitor to ensure optimal performance and longevity. Please read this manual thoroughly before using your new monitor.

IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions carefully before using the product.
- Do not expose the monitor to rain or moisture.
- Do not open the monitor casing; refer all servicing to qualified personnel.
- Ensure proper ventilation and avoid blocking any ventilation openings.
- Use only the power adapter and cables provided by the manufacturer.
- Place the monitor on a stable, flat surface to prevent it from falling.
- Unplug the monitor from the power outlet during lightning storms or when unused for long periods.

WHAT'S IN THE BOX

Verify that all components are present and in good condition:

- Acer Nitro EDA323QU S3bmiiphx Monitor Display
- Monitor Stand (Base and Neck)
- Power Cord
- HDMI Cable
- Quick Start Guide (this document)

1. Assembling the Monitor Stand

1. Carefully remove the monitor and its components from the packaging.
2. Place the monitor face down on a soft, clean cloth to prevent scratches.
3. Attach the stand neck to the monitor panel. Ensure it clicks securely into place or is fastened with screws as indicated in the diagram.
4. Attach the stand base to the stand neck. Tighten the screw at the bottom of the base to secure it.

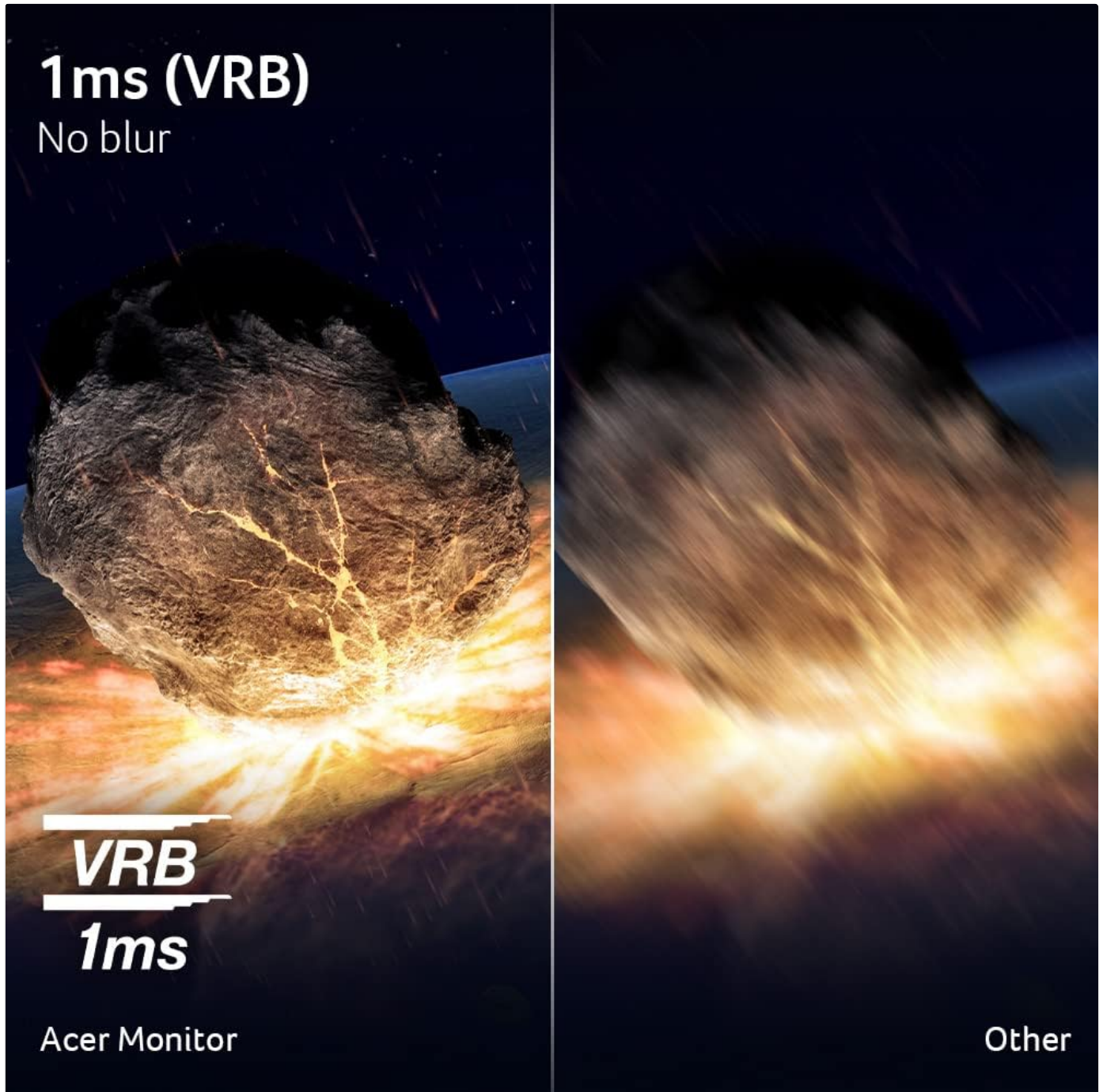


Image: Rear view of the Acer Nitro monitor showing the stand attached. The stand is black with a V-shaped base, providing stable support. The image highlights the connection point between the monitor and its stand.



Image: Rear view of the Acer Nitro monitor, showcasing the stand and the VESA mounting points. The stand is securely attached, and the design allows for cable management through the stand's neck.

2. Connecting the Monitor

1. Connect the provided HDMI cable from your computer's graphics card to one of the HDMI 2.0 ports on the monitor. For optimal performance (180Hz refresh rate), use a DisplayPort 1.4 cable (not included) and connect it to the DisplayPort on the monitor.
2. Connect the power cord to the monitor's power input, then plug the other end into a power outlet.
3. Press the power button on the monitor to turn it on.



Image: Close-up of the Acer Nitro monitor's input ports, including DisplayPort 1.4 and two HDMI 2.0 ports. This image illustrates where to connect video cables for optimal display performance.

3. VESA Mounting (Optional)

The monitor is VESA mounting compliant (100 x 100mm). To mount the monitor on a wall or an adjustable arm, remove the stand neck by pressing the release button or unscrewing the attachment screws, then attach your VESA-compatible mount.

OPERATING INSTRUCTIONS

Power On/Off

Press the power button, usually located on the bottom right or rear of the monitor, to turn it on or off.

On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Access it using the buttons or joystick located on the monitor. Common settings include:

- **Picture:** Brightness, Contrast, Low Blue Light, Black Boost, ACM, HDR, Super Sharpness.
- **Color:** Modes (HDR, Standard, ECO, Graphics), Color Space, Grayscale Mode, G-axis Hue, G-axis Saturate.
- **Audio:** Volume control for built-in speakers (2 Watts Per Speaker).
- **Gaming:** Over Drive, FreeSync (On/Off), Refresh Rate Num, VRB (1ms Visual Response Boost), Ultra-Low Latency, Aim Point.
- **OSD:** Language, OSD Timeout, Transparency.
- **System:** Input Select, Wide Mode, DDC/CI, Quick Start Mode.

Adjusting the Monitor

The monitor stand allows for ergonomic adjustments:

- **Tilt:** Adjust the screen angle from -5° to 20° for comfortable viewing.
- **Swivel:** Rotate the screen horizontally (if supported by the stand model).
- **Height Adjustment:** Raise or lower the screen to eye level (if supported by the stand model).

1500R Curvature

Immersive experience



**The appearance of this product is for reference only,
please refer to the actual product.*

Image: Side view of the Acer Nitro monitor, illustrating its slim profile and the ergonomic tilt capability of the stand. The curved screen is visible from this angle.



Image: Angled view of the Acer Nitro monitor, showcasing its curved display and the stability of its stand. The monitor is positioned to highlight its immersive design.





Image: Top-down view of the Acer Nitro monitor, emphasizing its 1500R curvature. This perspective clearly shows the ergonomic design intended to enhance immersion and reduce eye strain.

KEY FEATURES

- **WQHD (2560 x 1440) Resolution:** Delivers crisp, true-to-life colors and excellent detail for an enhanced viewing experience.
- **1500R Curved Display:** Wraps you in entertainment, providing a uniform viewing experience and reducing eye strain.
- **Up to 180Hz Refresh Rate:** Ensures ultra-smooth 2D motion scenes, lower input lag, and an excellent in-game

experience, especially when using DisplayPort 1.4.

- **1ms Visual Response Boost (VRB):** Eliminates smearing and ghosting for clear, immersive gameplay during fast-moving action.
- **AMD FreeSync Technology:** Synchronizes the monitor's frame rate with your graphics card, preventing screen tearing and stuttering for smooth gameplay.
- **ZeroFrame Design:** Maximizes screen real estate with a near bezel-less design, ideal for multi-monitor setups.
- **Connectivity:** Includes 1x DisplayPort 1.4, 2x HDMI 2.0 ports, and 1x Audio Out.
- **Built-in Speakers:** Two 2-Watt speakers provide integrated audio.

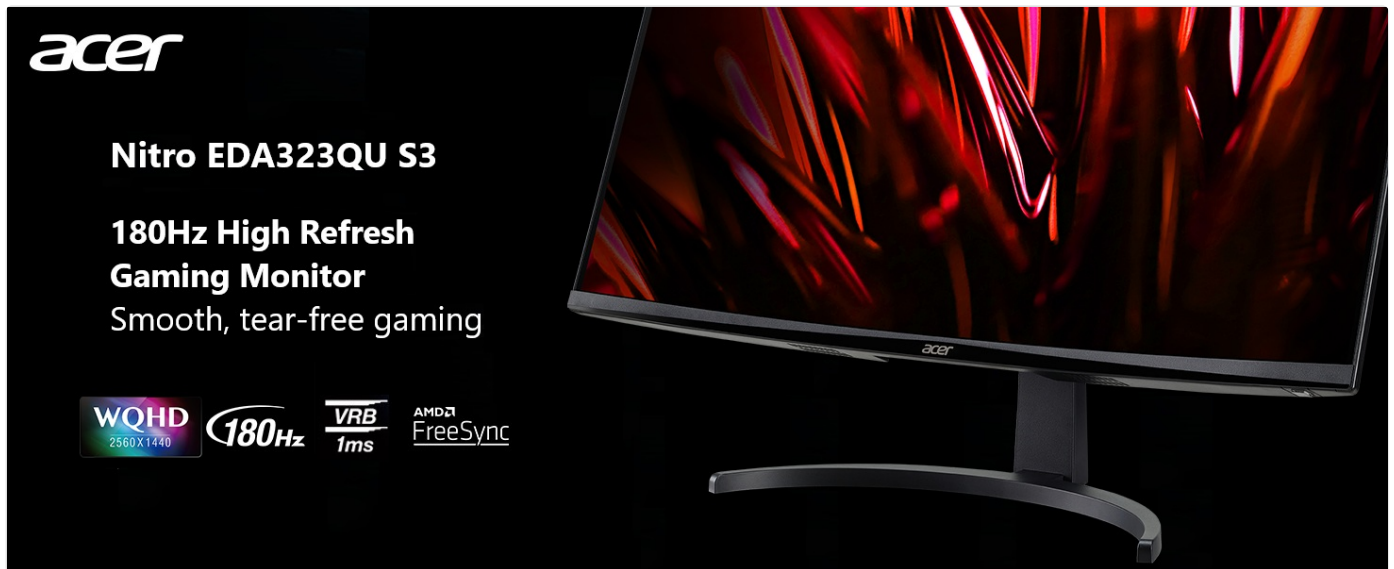


Image: A visual comparison demonstrating the clarity of WQHD resolution versus a normal resolution, highlighting the perfect details offered by WQHD.



Image: A split-screen comparison showing the effect of AMD FreeSync, with a clear, tear-free image on the left (Acer Monitor) and a tearing image on the right (Other), illustrating smooth viewing.

180Hz Refresh Rate

Experience ultra-smooth viewing with faster frame rendering and lower input lag with a rapid refresh rate of 180Hz.



Image: A visual demonstration of the 180Hz refresh rate, showing a clear, fast-moving motocross rider on the left (180Hz) compared to a blurred image on the right (75Hz), indicating no blur at higher refresh rates.

1ms (VRB)

Enjoy clearer, more immersive gameplay without blurring thanks to a rapid response time of 1ms Visual Response Boost.



Acer Monitor

Other

Image: A split-screen comparison illustrating the 1ms Visual Response Boost (VRB), with a sharp image of an asteroid impact on the left (Acer Monitor) and a blurred image on the right (Other), demonstrating no blur with 1ms VRB.

1500R Curvature

Experience more cinematic, immersive gameplay and reduced eye strain with a sleek-looking 1500R curved screen.

**The appearance of this product is for reference only, please refer to the actual product.*



Image: A graphic illustrating the 1500R curvature of the monitor, showing how it wraps around the user's field of view for a more cinematic and immersive gaming experience, reducing eye strain.

MAINTENANCE

Cleaning the Monitor

- Always unplug the monitor before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a mild, non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen.
- Avoid using harsh chemicals, solvents, or abrasive materials.

General Care

- Keep the monitor away from direct sunlight, heat sources, and extreme temperatures.
- Ensure adequate ventilation around the monitor to prevent overheating.
- Avoid placing heavy objects on the monitor or its cables.

TROUBLESHOOTING

If you encounter issues with your Acer Nitro monitor, refer to the following common solutions:

- **No Power:** Ensure the power cord is securely connected to both the monitor and the power outlet. Check if the power outlet is functional.
- **No Signal:** Verify that the video cable (HDMI or DisplayPort) is correctly connected to both the monitor and your computer. Ensure your computer is powered on and outputting a signal. Select the correct input source via the OSD menu.
- **Blurred or Distorted Image:** Check your computer's display settings to ensure the resolution is set to WQHD (2560 x 1440) and the refresh rate is set to 180Hz (via DisplayPort) or 144Hz (via HDMI).
- **Screen Tearing/Stuttering:** Ensure AMD FreeSync is enabled in both the monitor's OSD menu and your graphics card settings.
- **No Audio:** Check the monitor's volume settings in the OSD menu and your computer's audio output settings. Ensure the audio cable is connected if using external speakers.

For further assistance, please contact Acer customer support.

TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Acer
Model Series	Nitro EDA323QU S3bmiiphx
Item Model Number	UM.JE0AA.307
Screen Size	31.5 Inches
Screen Resolution	WQHD (2560 x 1440)
Max Screen Resolution	2560 x 1440
Curvature	1500R Curved
Aspect Ratio	16:9

Feature	Specification
Refresh Rate (DisplayPort)	Up to 180Hz
Refresh Rate (HDMI)	Up to 144Hz
Response Time	1ms (VRB)
Adaptive Sync Technology	AMD FreeSync
Connectivity	1x DisplayPort 1.4, 2x HDMI 2.0, 1x Audio Out
Speakers	2 x 2 Watts
VESA Mounting	100 x 100mm
Ergonomic Tilt	-5° to 20°
Screen Surface Description	Matte
Color	Black
Item Weight	16.22 pounds
Product Dimensions (LxWxH)	7.84 x 27.93 x 20.27 inches

PRODUCT VIDEOS

Does Acer Nitro 34 make every game feel cinematic?

Your browser does not support the video tag.

Video: A review discussing the immersive experience of the Acer Nitro 34-inch curved monitor, highlighting its cinematic feel for gaming and multitasking. The video showcases various visual content, including vibrant graphics and fluid motion, demonstrating the monitor's performance.

Acer Nitro 31.5 Review

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Video: A detailed review of the Acer Nitro 31.5-inch monitor, covering its features, performance, and overall user experience. The video demonstrates the monitor's display quality and responsiveness in various applications.

Is the Acer Nitro the Best Balance of Curve and Clarity?

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Video: An evaluation of the Acer Nitro curved gaming monitor, focusing on its balance between screen curvature and visual clarity. The video provides insights into how these features contribute to an optimal viewing experience.

Is it better curved?

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Video: A discussion and demonstration exploring the benefits of a curved monitor, specifically the Acer Nitro, for an enhanced and immersive user experience compared to flat screens.

Should you buy this gaming monitor?

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Video: A concise review providing recommendations on whether to purchase the Acer Nitro gaming monitor, highlighting its features and suitability for different types of gamers.

WARRANTY & SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official Acer support website.

Typical warranty periods and support options may include:

- Standard Manufacturer's Warranty (duration may vary by region).
- Online knowledge base and FAQs.
- Driver and software downloads.
- Contact information for technical assistance.

Additional protection plans may be available for purchase from authorized retailers.

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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