

Acer Nitro ED320QR S Gaming Monitor User Manual

Model: ED320QR

1. INTRODUCTION

Thank you for choosing the Acer Nitro ED320QR S 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 the product.

The Acer Nitro ED320QR S is a 32-inch Full HD (1920 x 1080) curved VA gaming monitor designed for an immersive visual experience. It features a 1500R curvature, a rapid 165 Hz refresh rate, and a 1ms response time, complemented by FreeSync technology for smooth, tear-free gameplay. Its versatile gaming modes and eye care features contribute to an enhanced viewing experience.



Image 1.1: Angled front view of the Acer Nitro ED320QR S Curved Gaming Monitor, showcasing its curved display and slim bezels.

2. PACKAGE CONTENTS

Please check the package for the following items. If any items are missing or damaged, contact your retailer immediately.

- Acer Nitro ED320QR S Monitor
- Monitor Stand (Base and Neck)
- Power Cord
- HDMI Cable
- DisplayPort Cable
- User Manual (this document)



Image 2.1: Two Acer Nitro ED320QR S monitors, as typically bundled, illustrating the product's appearance.

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, aligning the mounting points. Secure with screws if provided.
3. Attach the stand base to the bottom of the stand neck. Tighten the thumb screw or screws to secure the base.
4. Carefully lift the assembled monitor and place it on a stable, flat surface.



Image 3.1: Rear view of the monitor, highlighting the stand attachment area and various input ports.

3.2 Connecting the Monitor

- **Power Connection:** Connect the power cord to the monitor's power input and then to a power outlet.
- **Video Connection:**
 - For optimal performance, connect the monitor to your computer using either the provided HDMI or DisplayPort cable.
 - Ensure the cable is securely connected to both the monitor and your computer's graphics card.

3.3 Initial Power On and Adjustments

1. Press the power button on the monitor to turn it on.
2. Turn on your computer. The monitor should automatically detect the input signal.
3. Adjust the monitor's tilt angle for comfortable viewing. The monitor can be tilted from -5 to 20 degrees.





Image 3.2: Side profile of the monitor, demonstrating its adjustable tilt feature for ergonomic viewing.

4. OPERATING THE MONITOR

4.1 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various settings of your monitor. Use the buttons located on the back or bottom of the monitor to navigate the menu.

- Press the OSD button (usually the joystick or a dedicated menu button) to open the main menu.
- Use the navigation buttons/joystick to move through options.
- Press the select button to enter a sub-menu or confirm a setting.
- Press the exit button to go back or close the OSD.

4.2 Key OSD Settings

- **Picture:** Adjust Brightness, Contrast, Gamma, Color Temperature, and Blue Light Shield settings.
- **Gaming:**
 - **Overdrive:** Adjust response time for faster pixel transitions.
 - **FreeSync:** Enable/disable AMD FreeSync Premium for tear-free gaming (requires compatible AMD GPU).
 - **Refresh Rate Num:** Display the current refresh rate on screen.
 - **Gaming Modes:** Select from predefined modes like Action, Racing, Sports, or customize your own.
- **Input:** Manually select the video input source (HDMI, DisplayPort).
- **OSD:** Adjust OSD timeout, language, and transparency.
- **System:** Reset settings to factory defaults, view information.



Image 4.1: Top-down view of the monitor, illustrating its 1500R curvature for an immersive viewing experience.

5. MAINTENANCE

5.1 Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen.
- Avoid using benzene, thinner, ammonia, or abrasive cleaners, as these can damage the monitor.

5.2 Storage

If storing the monitor for an extended period, disconnect all cables and store it in a cool, dry place, preferably in its original packaging to protect it from dust and physical damage.

6. TROUBLESHOOTING

Problem	Possible Solution
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Problem	Possible Solution
No Power / Power LED Off	<p>Ensure the power cord is securely connected to the monitor and the power outlet.</p> <p>Check if the power outlet is working by plugging in another device.</p>
No Signal / Blank Screen	<p>Verify that the video cable (HDMI/DisplayPort) is securely connected to both the monitor and the computer.</p> <p>Ensure the correct input source is selected in the monitor's OSD menu.</p> <p>Check if your computer is powered on and not in sleep mode.</p> <p>Try connecting the monitor to another computer or device to rule out a computer issue.</p>
Flickering or Unstable Image	<p>Check the video cable for damage or loose connections.</p> <p>Adjust the refresh rate in your computer's display settings.</p> <p>Disable FreeSync in the OSD menu to see if the issue persists.</p>
Image is too Dark/Bright or Colors are Off	<p>Adjust Brightness, Contrast, and Color Temperature settings in the OSD menu.</p> <p>Reset the monitor settings to factory defaults via the OSD menu.</p>

7. SPECIFICATIONS

Feature	Detail
Brand	acer
Model Number	ED320QR
Screen Size	32 Inches
Resolution	1920 x 1080 (FHD 1080p)
Aspect Ratio	16:9
Refresh Rate	165 Hz
Response Time	1 ms
Panel Type	VA
Curvature	1500R
Brightness	300 Nits
Color Support	16.7 Million Colors
Adaptive Sync Technology	FreeSync Premium
HDR Support	HDR10

Feature	Detail
Eye Care Features	Blue Light Shield
Connectivity	HDMI, DisplayPort
Tilt Adjustment	-5 to 20 degrees
Product Dimensions	12 x 26 x 28 inches
Item Weight	28 pounds

8. WARRANTY INFORMATION

Acer products are covered by a limited warranty. For detailed warranty terms and conditions, including duration and coverage, please refer to the warranty card included with your product or visit the official Acer support website. Keep your proof of purchase for warranty claims.

9. SUPPORT

For technical assistance, driver downloads, or further support, please visit the official Acer support website. You can typically find FAQs, troubleshooting guides, and contact information for customer service there.

Acer Support Website: www.acer.com/support