



## Buyers Guide | C1 2023

Acer® Nitro Monitor  
ED320QR S3biipx



AMD  
FreeSync  
Premium





Model	Acer Nitro ED320QR S3biipx 31.5" Curved Full HD Monitor
MSRP	\$199.99
On-Shelf Date	April 1, 2023

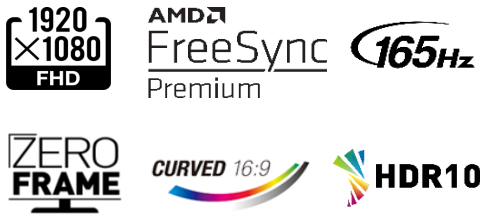
#### High Level Specifications

- 31.5" Full HD (1920 x 1080) 1500R Curved Widescreen Display
- AMD FreeSync Premium Technology
- **Response Time:** 1ms (VRB)
- **Refresh Rate:** 165Hz
- HDR 10
- ZeroFrame Design
- **Panel Type:** VA
- Acer VisionCare Technologies
- **Ports:** 1 x Display Port 1.2 & 2 x HDMI 1.4 Ports

#### What's in the Box

- Display
- Stand
- Power Cord
- HDMI Cable

#### Key Features



#### Web Description

Acer Nitro ED320QR S3biipx 31.5" 1500R Curved Full HD (1920 x 1080) Monitor with AMD FreeSync Premium Technology, 165Hz Refresh Rate, 1ms VRB, HDR 10 (Display Port 1.2 & 2 x HDMI 1.4 Ports)



#### Curved to Perfection

Acer's Nitro ED320QR 31.5" curved panel monitor with Full HD resolution delivers the incredible. Through AMD FreeSync Premium technology, the game's frame rate is determined by your graphics card, not the fixed refresh rate of the monitor, giving you a serious competitive edge. Crisp, true-to-life colors come alive with the amazing 1920 x 1080 resolution, allowing you to enjoy High-Definition entertainment in the comfort of your home. The wide view angle technology lets you share what's on your screen with friends and family as colors stay true no matter what angle you're viewing from. Incredible 100,000,000:1 contrast ratio and rapid response time ensure your games, work and movies are smooth and look as epic as possible.

#### Features



#### Vibrant Images

The Nitro 31.5" Curved Display with Full HD (1920 x 1080) resolution offers the sharpest picture quality and provides a perfect picture with a broader view. The zero-frame design does away with the thick frames found on conventional monitors freeing up precious screen space so you have more to look at from edge to edge.



#### Responsive!!

Fast response time of 1ms enhances gamers' in-game experience. Whether it is fast-moving action or dramatic transitions, all will be all rendered smoothly without annoying effects of smearing or ghosting.



#### AMD FreeSync Premium Technology

Say "goodbye" to stuttering and tearing. With AMD FreeSync Premium, the monitor's frames are synced with the graphics card's frames, which eliminates screen tearing and provide the smoothest gaming experience.



#### 165Hz Refresh Rate

The 165Hz refresh rate speeds up the frames per second to deliver ultra-smooth 2D scenes. With a rapid refresh rate of 165Hz, Acer Monitors shorten the time it takes for frame rendering, lower input lag and provide gamers an excellent in-game experience.



#### HDR Ready

HDR is a display technology that creates deeper levels of black and white contrast, giving you a greater level immersion through realistic image recreation. The Acer Nitro ED0 series of HDR displays support the HDR10 format.



#### Curved Screen

The curved 16:9 display wraps you in a world of entertainment with every corner of the screen at the same distance from your eyes for a uniform viewing experience without blind spots. Tilt the screen -5 to 10 degrees for the most comfortable view.

# Acer Nitro ED320QR S3biipx 31.5" Curved Full

## Detailed Product Specifications

<b>Viewable Area</b>	<b>Speakers</b>
31.5" 1500R Curved Display 16:9 Aspect Ratio	N/A
<b>Panel Type</b>	<b>Electrical Requirements</b>
VA	Normal Operation: <42Watts Off (power-save): <1 Watts 100 - 240 VAC, 50/60 Hz
<b>Resolutions</b>	<b>Agency Certifications</b>
1920 x 1080 (native and maximum)	UL, cUL, FCC Class B, CE, TUV/GS, VCCI, RoHS, MPRII
<b>Refresh Rate</b>	<b>Display Stand</b>
165Hz	Included Ergonomic Tilt: -5° to 20°
<b>Pixel Pitch</b>	<b>Mount</b>
0.36375mm	VESA mounting compliant (100 x 100mm)
<b>Brightness</b>	<b>Limited Warranty</b>
250 cd/m <sup>2</sup>	3 year parts and labor <sup>1</sup>
<b>Contrast Ratio</b>	<b>Dimensions (Display with Stand)</b>
100 Million:1 MAX (ACM)	28.07" (W) x 20.18" (H) x 7.82" (D) 713mm (W) x 512.5mm (H) x 198.6mm (D)
<b>Screen Treatment</b>	<b>Dimensions (Box)</b>
Antiglare	31.5" (W) x 21.46" (H) x 5.0" (D) 800mm (W) x 545mm (H) x 128mm (D)
<b>Response Time</b>	<b>Weights</b>
1ms (VRB)	11.0 lbs.   5.0 kg. Display 14.77 lbs.   6.7 kg. Box
<b>Colors</b>	<b>Pallet Quantity</b>
16.7 million	39 units / pallet
<b>Viewing Angles</b>	<b>Model Number</b>
178° Left/Right, 178° Up/Down	ED320QR S3biipx
<b>User Controls</b>	<b>UPC</b>
Power On/Off Button	195133157780
<b>Signal Inputs</b>	<b>Part Number</b>
1 x Display Port 1.2 2 x HDMI 1.4	UMJE0AA.301



Product specifications subject to change without notice  
Actual product may vary from image shown

<sup>1</sup> For a free copy of the standard limited warranty end-users should see a reseller where Acer products are sold or write to Acer America Corporation, Warranty Department, P.O. Box 6137, Temple, TX 76503.

© 2023 Acer Inc. All rights reserved. Acer and the Acer logo are registered trademarks of Acer Inc. Other trademarks, registered trademarks, and/or service marks, indicated or otherwise, are the property of their respective owners. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.