



Buyers Guide | C1 2023

Acer® Nitro Monitor
ED320QR S3biipx



1920
× 1080
FHD

AMD
FreeSync
Premium

CURVED 16:9



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

NITRO

Acer EDO Series



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 100,000:1 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.



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.



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.



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 EDO 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

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

¹ 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.

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