



Buyers Guide | BTS 2020

Acer® Nitro Monitor

XZ322QU Pbmiiphx





Model	Acer Nitro XZ322QU Pbmiphx 31.5" WQHD Curved Gaming Monitor
MSRP	\$449.99
On-Shelf Date	June 7, 2020

High Level Specifications

- 31.5" WQHD (2560 x 1440) 1500R Curved Widescreen VA with AMD Radeon FreeSync Technology
- **Refresh Rate:** 165Hz Using Display Port
- **Response Time:** 1ms (VRB)
- High Brightness and Contrast with VESA Certified DisplayHDR™ 400
- **Color Saturation:** 95% sRGB
- **Panel Type:** VA
- Acer VisionCare Technologies
- 2 Speakers, 3 Watts per Speaker
- Ports: 1 x Display Port & 2 x HDMI 2.0 Ports

What's in the Box

- Display
- Stand
- Power Cord
- HDMI Cable
- Display Port Cable

Key Features



Web Description

Acer Nitro XZ322QU Pbmiphx 31.5" 1500R Curved Zero-Frame WQHD (2560 x 1440) Monitor with AMD Radeon FreeSync Technology, 165Hz Refresh Rate, 1ms VRB, VESA Certified DisplayHDR 400, (Display Port & 2 x HDMI Ports)

NITRO XZ2



The Gate of Smooth Gaming

Fasten your seatbelt: The Nitro XZ322QU 31.5" curved zero-frame monitor with WQHD resolution delivers the incredible. Through AMD Radeon FreeSync 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 2560 x 1440 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



Resolution Matters!

The Nitro 31.5" Curved Display with WQHD (2560 x 1440) 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.



ErgoStand

ErgoStand

The Nitro XZ322QU has an ergonomically-designed stand with -5° to 35° tilt, 360° swivel and a 5.9" height adjustment so you can always find that ideal viewing position. A quick-release design lets you separate the monitor from its stand so it can be VESA wall-mounted.



AMD RADEON FREESYNC Technology

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



VESA certified DisplayHDR™ 400

For enhanced color vibrancy, VESA DisplayHDR™ 400 certification ensures better contrast and color accuracy so customers experience AAA games as they were meant to be.



165Hz Refresh Rate

The 165Hz refresh rate speeds up the frames per second to deliver an ultra-smooth 2D motion 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.



Maximized Immersion

Let the game world surround you and fill your peripheral vision with its 1500R curved screen and cinematic 16:9 aspect ratio. There's even more screen on offer thanks to the ZeroFrame, narrow-bezel design.

Acer Nitro XZ322QU Pbmiiphx 31.5" WQHD Curved

Detailed Product Specifications

Viewable Area 31.5" 1500R Curved Display 16:9 Aspect Ratio	Speakers 2 speakers, 3 watts per speaker
Technology AMD Radeon FreeSync Technology	Electrical Requirements Normal Operation: < 38 Watts Off (power-save): <1 Watts 100 - 240 VAC, 50/60 Hz
Panel Type VA	Agency Certifications UL, cUL, FCC Class B, CE, TUV/GS, VCCI, RoHS, MPRII
Resolutions 2560 x 1440	Display Stand Included Ergonomic Tilt: -5° to 35° Height Adjustment Range: 5.9" Swivel: 360°
Refresh Rate 165Hz Using Display Port 144Hz Using HDMI Port	Mount VESA mounting compliant (100 x 100mm)
Pixel Pitch 0.2724mm	Limited Warranty 3 year parts and labor ¹
Brightness Native: 400 nits, HDR400 mode: Peak 400 nits	Dimensions (Display with Height Adjustment) 27.87" (W) x 18.1 to 24" (H) x 10.6" (D) 708mm (W) x 460 to 610mm (H) x 269mm (D)
Contrast Ratio 100 Million:1 MAX (ACM)	Dimensions (Box) 36.58" (W) x 20.3" (H) x 8.03" (D) 980mm (W) x 516mm (H) x 204mm (D)
Screen Treatment Antiglare	Weights 10.69 lbs. 4.85 kg. Display 20.94 lbs. 9.5 kg. Box
Response Time 1ms (VRB)	Pallet Quantity 24 units / pallet
Colors 16.7 million	Model Number XZ322QU Pbmiiphx
Viewing Angles 178° Left/Right, 178° Up/Down	UPC 193199761064
User Controls Power On/Off Button	Part Number UM.JX2AA.P02
Signal Inputs 2 x HDMI v2.0 1 x Display Port	



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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