

IPS GAMING MONITOR

Nitro XV2 series- XV322QK KV

- AMD FreeSync™ Premium Technology
- 3840x2160 4K UHD resolution
- 144Hz refresh rate
- VESA Display™HDR 400
- Up to 0.5ms response time
- HDMI 2.1, supports PS5 and XBOX Series X¹
- HDMI 2.1, supports PC gaming²
- Acer VisionCare 3.0, TUV/Eyesafe certified
- LightSense/ColorSense/ProxiSense
- Agile-Splendor IPS
- DCI-P3 90% wide color gamut
- Delta E<1
- Acer Display Widget
- BlueLightShield™ & Flickerless technology to reduce fatigue



**All images used are for illustration purposes only. Actual product may differ from images shown. Product specs and availability subject to change without notice. The specifications claimed are taken from the highest value and some can only be reached under specific circumstances.

- 1- Only specific 4K UHD models support 4K at 144Hz via HDMI 2.1. Additional PS5/Xbox Series X combinations include the following:
PS5: 4K UHD@120Hz / FHD@120Hz via one HDMI cable
XBOX Series X: 4K UHD@120Hz / WQHD@120Hz / FHD@120Hz with VRR via one HDMI cable
- 2- 4K UHD@144Hz with VRR via one HDMI cable



Specifications

Panel	Model	XV322QK KV
	Display Size	31.5"
	Maximum Resolution and Refresh Rate	3840x2160@144Hz
	Panel Type	IPS
	Glare	No
	Response Time	1ms (G to G), 0.5ms (Min., G to G)
	Contrast Ratio	100 million:1 max (ACM)
	Brightness	Native: 350nits HDR400 mode: 400nits
	Viewing Angle	178°(H), 178°(V)
	Colors / Bits	1.07B / 8Bit+Hi-FRC (10Bit with dithering)
	Color gamut	DCI-P3 90%
System	Input Signal	HDMI(2.1) + HDMI(2.1) + DisplayPort(1.4) + TYPE C(PD65W)+ USB3.0x4+ USB-B (4down 2up)+SPK + Audio out
	VESA Wall Mounting	100 x 100 mm
	Speaker	4Wx2
	Power Supply (100 - 240 V)	Internal
	Tilt/Swivel/Height Adjustment	-5° - 15°/360°/90mm

Feature Highlights

Design

- 4K UHD resolution
- Ergostand with tilt, swivel, and height adjustment
- VESA mount support
- HDMI 2.1, supports PS5 and XBOX Series X at 4K UHD@120Hz/FHD@120Hz with VRR via one HDMI cable
- HDMI 2.1, supports PC gaming at 4K UHD@144Hz with VRR via one HDMI cable

Visual

- AMD FreeSync™ Premium
- 144Hz refresh rate
- VESA Display™ HDR 400
- Agile-Splendor IPS
- Up to 0.5ms (G to G) response time
- DCI-P3 90% wide color gamut
- Delta E<1
- Black boost technology

Protective comfort

- Acer VisionCare 3.0, TUV/Eyesafe certified
- LightSense/ColorSense/ProxiSense
- Acer Flicker-less
- Acer BlueLightShield™ Pro



4K UHD resolution



XV2 series brings users into a perfect colorful world with 4K UHD 3840 x 2160, and provides the finest natural and sharp original quality with IPS panel and 100,000,000:1 contrast ratio.



144Hz Refresh Rate

The 144Hz refresh rate speeds up the frames per second to deliver an ultra-smooth 2D motion scenes. With a rapid refresh rate of 144Hz, Acer Gaming Monitors shorten the time it takes for frame rendering, lower input lag and provide gamers an excellent in-game experience.



AMD FreeSync Premium

With AMD FreeSync Premium, the game's frame rate is determined by your graphics card, not the fixed refresh rate of the monitor. This means the monitor's frames are synced with the graphics card's frames, which eliminates screen tearing and delivers very smooth gaming experiences.



Up to 0.5ms response time

The fast response time of 0.5ms GTG (Gray to Gray) enhances gamers' in-game experience. No matter if it's fast-moving action or dramatic transitions, all will be rendered smoothly without the annoying effects of smearing or ghosting.

About Acer

Established in 1976, Acer is an information and communication technology company dedicated to the research, design, marketing, sale and support of innovative products that enhance people's lives. Acer's green supply chain delivers environmentally friendly PCs, displays, projectors, servers, tablets and smartphones — tools our customers need to explore beyond limits and experience more. Ranked No. 3 for notebooks globally (IDC 2012), Acer employs 8,000 people, and 2011 revenues reached US\$15.7 billion. Please visit www.acer.com for more information.

