



# GAMING MONITOR

## E1 series- E1491CR P

- DFHD 3840 x 1080 resolution with ZeroFrame Design
- AMD Radeon FreeSync™ 2 technology
- VESA DisplayHDR™ 400
- Ultra-wide 32:9 with 1800R Curve display
- Overclock to 144Hz refresh rate<sup>2</sup>
- 90% DCI-P3 wide color gamut
- Optimizes colors with Quantum Dot display
- Acer Display Widget & PBP function simplifies Multi-tasking
- BlueLightShield™ & Flicker-less technology to reduce fatigue
- SuperSharpness™ technology

\*All images used are for illustration purposes only. Actual product may differ from images shown. Product specs and availability subject to change without notice.



# BEYOND YOUR LIMITATION



# Specifications

<b>Panel</b>	<b>Model</b>	EI491CR P	
	<b>Display Size</b>	49" H	
	<b>Maximum Resolution and Refresh Rate</b>	3840 x 1080 @144Hz w/DisplayPort(v1.2) 3840 x 1080 @120Hz w/HDMI(v2.0) 3840 x 1080 @60Hz w/HDMI(v1.4)	
	<b>Panel Type</b>	VA	
	<b>Glare</b>	N	
	<b>Response Time</b>	4ms (G to G)	
	<b>Contrast Ratio</b>	100 million:1 max (ACM)	
	<b>Brightness</b>	400 nits (cd/m <sup>2</sup> )	
	<b>Viewing Angle</b>	178°(H),178°(V)	
	<b>Colors</b>	16.7M	
<b>Bits / Color gamut</b>	8 Bits / 90% DCI-P3		
<b>System</b>	<b>Input Signal</b>	2 x HDMI(v1.4) + HDMI(v2.0) + DisplayPort(v1.2) + SPK + Audio out	
	<b>VESA Wall Mounting</b>	75 x 75 mm	
	<b>Speaker</b>	3W x 2	
	<b>Power Supply (100 - 240 V)</b>	Internal	
	<b>Tilt</b>	-5° – 15°	
	<b>Power Consumption</b>	Off	0.35W
Sleep		0.45W	
On		60W	

## Feature Highlights

### Design

- DFHD 3840 x 1080 resolution
- 32:9 with 1800R Curvature
- ZeroFrame
- Unique Ambient light
- VESA mount support
- Tilt: -5°~ 15°

### Visual

- AMD Radeon FreeSync™2 technology<sup>1</sup>
- VESA DisplayHDR™ 400\*
- Overclock to 144Hz refresh rate<sup>2</sup>
- 90% DCI-P3 wide color gamut
- Optimizes colors with Quantum Dot display
- SuperSharpness technology
- Black boost technology
- Support PIP/PBP

### Protective comfort

- Acer Flicker-less
- Acer BlueLightShield™
- Low dimming technology
- Acer ComfyView display

<sup>1</sup> Specifications may vary depending on model and/or region. Display Port (v1.2) and HDMI (v2.0) support FreeSync2 and HDR400, HDMI (v1.4) support FreeSync. <sup>2</sup> Actual refresh rates may vary depending on model and/or region, computer specifications/hardware and/or set up. This device is designed to support refresh rate overclocking. However, overclocking may result in system instability. If you experience instability, try reducing the overclock to a lower refresh rate through the on-screen display settings.



### DFHD resolution

Acer EI1 Series have you covered with the features you need. The 32:9 1800R Ultra-curved screen and DFHD (3840 x 1080) resolution make sure your games, work and movies look as epic as possible.



Resolution

### VESA DisplayHDR™ 400

DisplayHDR 400 requires only 400 nits and provides 95% BT.709 color gamut, it can also deliver the adjustment of full color gamut and supports HDR10. VESA certified Display HDR 400 shows colors as they truly are.



### AMD Radeon FreeSync™2

With AMD Radeon FreeSync 2, 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 HDR gaming experiences



Overclock to  
**144Hz**  
Refresh Rate

### Overclock to 144Hz refresh rate<sup>2</sup>

Acer EI1 series feature with high refresh rate overclock to 144Hz\*. 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, EI1 Series shorten the time it takes for frame rendering, lower input lag and provide gamers an excellent in-game experience.

\*Specifications may vary depending on mode

## 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](http://www.acer.com) for more information.

