



VA GAMING MONITOR

Nitro QG1 series- QG221Q

- AMD Radeon FreeSync™ Technology
- 1920x1080 FHD resolution
- 72% NTSC
- 1ms Visual Response Boost™ for blur free gaming
- 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.



Resolution



Visual Response
Boost



BlueLightShield™



Flickerless

Specifications

Panel	Model	QG221Q	
	Display Size	21.5"H	
	Maximum Resolution and Refresh Rate	1920x1080 @75Hz	
	Panel Type	VA	
	Glare	No	
	Response Time	1ms (VRB)	
	Contrast Ratio	100 million:1 max (ACM)	
	Brightness	Native: 250nits(cd/m ²)	
	Viewing Angle	178°(H),178°(V)	
	Colors	16.7M	
	Bits / Color gamut	6Bit+Hi-FRC	
System	Input Signal	1. VGA+2HDMI(1.4) 2. VGA+2HDMI(1.4)+SPK+Audio out	
	VESA Wall Mounting	100 x 100 mm	
	Speaker	2Wx2	
	Power Supply (100 - 240 V)	Internal	
	Tilt	-5° - 25°	
	Power Consumption	Off	TBD
Sleep		TBD	
On		TBD	

Feature Highlights

Design

- FHD resolution
- Tilt: -5°~ 25°
- VESA mount support

Visual

- AMD Radeon FreeSync™ technology
- 72% NTSC
- 1ms Visual Response Boost™ (VRB)
- Black boost technology

Protective comfort

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

* Specifications may vary depending on model and/or region. 1ms VRB value based on internal tests under specific test conditions. Level of brightness may vary as a result of VRB mode in use.



Resolution

FHD resolution

The 1920 x 1080 resolution of QG1 monitor delivers excellent detail, making it perfect for advanced 1080p Full HD gaming, multimedia and productivity applications, providing advantages such as:

- Blu-ray Disc™ console gaming
- Widescreen cinematic playback

AMD Radeon FreeSync™

With AMD Radeon FreeSync™, 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



Visual Response Boost

1ms Visual Response Boost™

1ms Visual Response Boost™ (VRB), works by either quickly turning off the backlight or inserting a blank, black image between frames aka "blinking". This results in less noticeable blur in fast moving images because the liquid crystals don't have to double up on frames as they rise and fall, which could also achieve the effect of 1ms MPRT for clear, blur-free visuals.



BlueLightShield™

BlueLightShield™ technology

Acer Ultra-Low Blue Light technology reduces the amount of harmful blue light emitted by LED panel. You can access and select four different filter settings onscreen easily through the OSD menu to find the best one that suits the task at hand.

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.

