



IPS MONITOR

KB2 series-KB242Y E0

- IPS FHD resolution
- AMD FreeSync™
- 100Hz refresh rate, less strain for eyes
- 1ms Visual Response Boost (VRB)
- 178° wide view angle
- 6 axis color adjustment
- ZeroFrame
- Acer Display Widget-simplifies monitor tweaking
- Acer VisionCare for comfy viewing
- ENERGY STAR® certified

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



Specifications

Panel	Display Size	23.8" H
	Maximum Resolution and Refresh Rate	VGA: 1920x1080@75Hz HDMI: 1920x1080@100 Hz
	Glare	No
	Panel	In-Plane Switching
	Response Time	1ms(VRB)
	Contrast Ratio	100 million:1 max (ACM)
	Brightness	250 nits (cd/m ²)
	Viewing Angle	178° (H), 178° (V)
	Colors	16.7M
	Bits / Color gamut	6Bit+Hi-FRC/sRGB 99%
System	Input Signal	1. VGA+HDMI(1.4)
	VESA Wall Mounting	100 x 100 mm
	Power Supply (100 - 240 V)	External
	Tilt	-5° to 25°

Feature Highlights

Professional Performance

- 23.8" IPS Full HD resolution
- AMD FreeSync™
- ZeroFrame form factor

Visual sharpness and clarity

- 6 axis color adjustment
- 178° wide view angle
- 1ms Visual Response Boost (VRB)
- 100Hz refresh rate, less strain for eyes

Ergonomic design

- Robust stand design with strong stability
- VESA supportive

Comfort and protection

- BlueLight Shield™ technology
- Acer Flicker-less technology
- Low dimming technology
- Acer ComfyView™ Display
- -5 to 25 degree tilted angle for the comfortable viewing
- ENERGY STAR® certified



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.

AMD FreeSync



With AMD 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.



In-Plane Switching technology

In-Plane Switching technology, which is accurate across 170° presents a splendid quality in wide angles. Rough the screen, everything is crisp and clear from any angle.



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.

