



B7 series | B277U

HIGH RELIABILITY
WITH OUTSTANDING PERFORMANCE



6 Axis Color Adjustment

Super Sharpness

sRGB

Acer VisionCare™

BlueLightShield™

Flickerless

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PANEL	Display Size	27"H 16:9 ratio		
	Color	Black		
	Maximum Resolution and Refresh Rate	2560x1440 @75Hz		
	Glare	No		
	Panel	In-Plane Switching		
	Response Time	4ms (G to G)		
	Contrast Ratio	100 million:1 max (ACM)		
	Brightness	350 nits (cd/m ²)		
	Viewing Angle	178° (H), 178° (V)		
	Colors/Color Gamut Bits	16.7B 100% sRGB		
SYSTEM	Input Signal	8Bit+Hi-FRC 1. HDMI+ HDMI + DisplayPort(1.2) +miniDisplayPort + SPK + Audio out + USB3.0x4 (1up 4down) 2. HDMI+ HDMI + DisplayPort(1.2) +miniDisplayPort + SPK + Audio out		
	VESA Wall Mounting	100 x 100 mm		
	Speaker	2W x 2		
	Power Supply (100 - 240 V)	Internal		
	Tilt / Height adjustment	-5°~25° / 150mm		
	Swivel	+/- 90°		
	Power Consumption	Off	0.28W	
		Sleep	0.41W	
		On	24W	

Feature Highlights

Professional Performance

- 27" WQHD resolution
- ZeroFrame form factor
- Acer Display Widget
- VESA Adaptive-Sync standard
- Acer ColorPlus technology
- 100% sRGB wide color gamut
- SuperSharpness technology
- 6 axis color adjustment
- 178° wide view angle

Ergonomic design

- Flexible adjustment with tilt, swivel, height and pivot.
- Robust stand design with strong stability
- VESA supportive

Eye protection

- BlueLight Shield™ technology
- Acer Flicker-less technology
- Low dimming technology
- Acer ComfyView™ Display

Eco-friendly

- TCO
- Energy Star
- EPEAT gold certification



WQHD resolution

Acer B277U monitor provide stunning image quality and sharp details with WQHD resolution. Through the ultra-high resolution, users can enhance the work efficiency easily and enjoy the visual experience by the monitors.



BlueLightShield™

BlueLightShield™

This technology reduces the exposure of blue light, which can be potentially harmful, by adjusting color hue and brightness. You can access and select 4 different filter settings onscreen easily through the OSD menu to find the best one that suits the task at hand.



ZeroFrame design

The zero-frame design maximizes its viewing area and provides a more seamless viewing experience for multi-monitor setups.



Acer VisionCare™

AcerVisionCare

This technology incorporates several features that take into consideration prolonged usage by heavy users such as programmers, writers, and graphic designers to reduce eye strain and provides a more comfortable viewing experience.



100% sRGB wide color gamut

A color gamut is a subset of colors, such as those in a specific color space. The gamut of a device is that portion of the color space that can be represented. 100 % sRGB color coverage can store a large color space, which is able to produce, or present a wider range of colors on screen.



Flickerless

Acer Flicker-less

This technology helps to eliminate screen flickering through a stable supply of power. A constant image's refresh rate may flicker up to 60 times a second, although human's eyes hardly recognize the circumstance.



IPS or In-plane switching

It's a type of display panel technology characterized as having the best color and viewing angles among the other main types of display panels, TN (twisted nematic) and VA (vertical alignment).



Super Sharpness

Super sharpness technology

Super sharpness technology enhances the quality of lower resolution images, such as optimizing a 1080p photo on higher resolution monitors.

