

# 27GQ50B-B UltraGear™ Gaming Monitor

## ▶ 27GQ50B-B

27" class (27" diagonal)



Images on screen are simulated



## Features

### 1 MS RESPONSE TIME

This UltraGear monitor is a gamer's dream come true, employing an ultra-fast 1 ms response time. This unrivaled 1 ms experience provides incredibly fast response without sacrificing the HDR10 graphics or the beautiful Full HD resolution.

### AMD FREESYNC™ TECHNOLOGY

LG monitors with AMD FreeSync™ technology reduce the tearing and stuttering that occur between a graphic card's frame rate and a monitor's refresh rate. Thanks to FreeSync, gaming enthusiasts can experience seamless, fluid movement throughout any hi-res, heavy-duty game.

### 165 HZ REFRESH RATE

Games are smoother and more thrilling at a higher refresh rate, and this 165 HZ monitor can refresh the image on screen up to an astounding 165 times per second. Enjoy high-speed gaming with virtually no motion blur or stuttering.

### ADVANCED GAMING FEATURES

Serious gaming features for serious gamers. Dynamic Action Sync assures smooth, action while Black Stabilizer reveals enhanced detail in dark scenes. The Crosshair feature helps enhance accuracy in first-person shooter games.

### ON-SCREEN CONTROL

On-Screen Control puts a host of essential monitor settings into a handy window for quick, easy access. Volume, brightness, picture mode presets, Screen Split 2.0 and Dual Controller and more can now be adjusted with just a few clicks of the mouse.

## Specifications

27" Full HD (1920 x 1080) Display

165 Hz Refresh Rate

AMD FreeSync™ Technology

Tilt Adjustable (-5/15 degrees)

HDMI 1.4 (x2) , DisplayPort 1.2 (x1), Headphone out

Wall Mountable: 100mm x 100mm

[www.LG.com/us/commercial](http://www.LG.com/us/commercial)

# 27GQ50B-B

## UltraGear™ Gaming Monitor

MODEL		27GQ50B-B
DISPLAY	Size (Inch)	27" Inch
	Resolution	1920 x 1080
	Panel Type	VA
	Panel Multi	AUO Panel
	Backlight Technology	LED
	Backlight Type	Edge
	Backlight Array	H1B
	Aspect Ratio	16:9
	Brightness (Typ.)	250 nits
	Color Gamut (Typ.)	NTSC 72%(CIE1931), sRGB 100.4%(CIE 1931) by area ratio.
	Color Depth (Number of Colors)	16.7M
	Color Bit	6-bits + Hi-FRC
	Contrast Ratio (Typ.)	3000:1
	Contrast Ratio with DFC	Mega
Response Time	1ms MBR (Motion Blur Reduction)	
Viewing Angle (CR≥10)	178°(R/L), 178°(U/D)	
Surface Treatment	SAG 40%, 3H	
FEATURES	Flicker safe	YES
	Picture Mode	(Non HDR Contents) Gamer1, Gamer2, FPS, RTS, Vivid, Reader
	Reader Mode	YES
	Motion Blur Reduction Tech.	YES
	MBR (Supported Frequency)	120, 144, 165Hz
	NVIDIA G-Sync™	YES
	AMD FreeSync™	YES
	FreeSync (Low Frame Compensation)	YES
	Black Stabilizer	YES
	Dynamic Action Sync	YES
	Crosshair	YES
	FPS Counter	YES
	OverClocking	YES
	User Define Key	YES
	Auto Input Switch	YES
	Smart Energy Saving	YES
OSD Language	YES	
SW APPLICATION	OnScreen Control (LG Screen Manager)	YES
CONNECTIVITY	HDMI	YES (2ea)
	HDMI Version	1.4
	HDMI (HDCP Version)	1.4
	HDMI (V Frequency)	48~144Hz
	HDMI (FreeSync Supported Frequency)	48~144Hz
	HDMI (Max. Resolution at Hz)	1920 x 1080 8bit at 144Hz
	DisplayPort	YES (1ea)
DP Version	1.2	

MODEL		27GQ50B-B
CONNECTIVITY	DP (HDCP Version)	1.3
	DP (V Frequency)	48~165Hz
	DP (FreeSync Supported Frequency)	48~165Hz
	DP (Max. Resolution at Hz)	1920 x 1080 8bit at 165Hz
	Headphone out	YES
	[Location]	Rear
SOUND	Built-in Speakers	NO
POWER	AC Input	100 to 240 Vac
	DC Output	19 V
	Power Consumption (Sleep Mode)	YES
	Power Consumption (DC Off)	YES
MECHANICAL	Borderless Design	YES
	Color (Middle Cabinet)	Black, Texture+Polished
	Color (Back Cover)	Black, Texture+Polished
	Color (Stand Body)	Black, Texture+Polished (material: Plastic+ metal)
	Color (Stand Base)	Black, Texture+Polished (material: Plastic+ metal)
	Display Position Adjustments	Tilt
	Tilt	-5/15 Degrees
	Wall Mountable	100 x 100 mm
	Base Detachable	YES
	Assembly Step	Three-Step
DIMENSIONS & WEIGHT	Dimensions with Stand (W x H x D)	24.1 x 17.9 x 7.8 in / 612.7 x 455.2 x 198.23 mm
	Dimensions without Stand (W x H x D)	24.1 x 17.9 x 1.6 in / 612.7 x 455.2 x 39.8 mm
	Dimensions in Shipping (W x H x D)	28.3 x 18.9 x 7.6 in / 718.0 x 480.0 x 193.0 mm
	Weight with Stand	15.2 lbs / 6.9 kg
	Weight without Stand	13.0 lbs / 5.9 kg
	Weight in Shipping	20.3 lbs / 9.2 kg
STANDARD	TUV-TYPE	YES
	TUV-Ergo	YES
	CB	YES
	UL (cUL)	YES
	FCC-B	YES
	ErP	YES
	CE	YES
VESA wall mount standard	YES	
ACCESSORIES	Adapter	YES
	Adapter (Color)	Black
	Power Cord (Color/Length)	Black / 1.5m
	Display Port	YES
	Display Port (Color/Length)	YES

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