

27GR75QB-B UltraWide UltraGear Gaming Monitor

▶ 27GR75QB-B

27" class (27" diagonal)



Images on screen are simulated

FEATURES

1 MS RESPONSE TIME ON IPS DISPLAY

This UltraGear monitor is a gamer's dream come true, employing an ultra-fast 1 ms response time. Experience unrivaled 1ms response time on an IPS display. Enjoy fast response alongside HDR10 graphics, Full HD resolution, and astonishing 178° viewing angles—all in an LGIPS display.

AMD FREESYNC™ TECHNOLOGY

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

144HZ REFRESH RATE

Games are smoother and more thrilling at a higher refresh rate, and this 144Hz monitor can refresh the image on screen up to a powerful 144 times per second.

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 can help enhance user experience in first-person shooter games.

NVIDIA® G-SYNC® COMPATIBLE

The 27GR75QB-B is NVIDIA® G-SYNC® Compatible. Experience the smooth action synced by NVIDIA®, it is free of tearing and stuttering.

EASY SET UP

The 27GR75QB-B is easy to put together with a simple press-and-click display-to-base attachment and provides comfortable viewing with versatile screen tilt/height and pivot adjustments.

SPECIFICATIONS

27" UltraWide UltraGear (2560 x 1440) IPS Display

300 nits (Typ.) Brightness

sRGB 99% (CIE1931) Color Gamut

1ms (GtG at Faster) Response Time

165 (Max.) Refresh Rate

HDR10

Color Calibrated

NVIDIA G-Sync™

AMD FreeSync™

Display Position Adjustments: Tilt/Height/Pivot

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CATEGORY	SPEC ITEMS	
DISPLAY	Size (Inches)	27
	Resolution	2560 x 1440
	Panel Type	IPS
	Aspect Ratio	16:9
	Pixel Pitch	0.2331 x 0.2331
	Brightness (Min.)	240
	Brightness (Typ.)	300
	Color Gamut (Min.)	sRGB 95% (CIE1931)
	Color Gamut (Typ.)	sRGB 99% (CIE1931)
	Color Depth (Number of Colors)	16.7M
	Color Bit	8bit
	Contrast Ratio (Min.)	700:1
	Contrast Ratio (Typ.)	1000:1
	Response Time	1ms (GtG at Faster)
	Refresh Rate (Max.) [Hz]	165
	Viewing Angle (CR≥10)	178°(R/L), 178°(U/D)
Surface Treatment	Anti-Glare	
FEATURES	HDR 10	YES
	HDR Effect	YES
	Color Calibrated in Factory	YES
	Flicker safe	YES
	Picture Mode	(SDR) : Gamer 1, Gamer 2, FPS, RTS, Vivid, Reader, HDR Effect, Color Weakness (HDR) : Gamer1, Gamer2, FPS, RTS, Vivid
	Reader Mode	YES
	Motion Blur Reduction Tech.	YES
	MBR(Supported Frequency)	144, 165Hz
	NVIDIA G-Sync™	G-SYNC Compatible
	AMD FreeSync™	YES (Premium)
	Black Stabilizer	YES
	Dynamic Action Sync	YES
	Crosshair	YES
	FPS Counter	YES
	User Define Key	YES
	Auto Input Switch	YES
Smart Energy Saving	YES	
Onscreen Display Languages	17 countries (English, Germanic, French, Spanish, Italian, Swedish, Finnish, Portuguese, Portuguese (Brazil), Polish, Russian, Turkish, Ukrainian, Chinese, Traditional Chinese, Japanese, Korean)	
CONNECTIVITY	OnScreen Control (LG Screen Manager)	YES
	HDMI	YES (2ea)
	HDMI Version	Supports TMDS 6G as compliant with HDMI 2.0
	HDMI (HDCP Version)	2.2
	HDMI (w/o VRR)	48 to 144Hz
	HDMI (w/ VRR)	Extended : 48 to 144z, Basic : 60 to 144Hz
	DisplayPort	YES (1ea)
	DP Version	1.4
	DP (HDCP Version)	2.2
	DP (w/o Adaptive-Sync)	48 to 165Hz
DP (w/ Adaptive-Sync)	Extended : 48 to 165z, Basic : 60 to 165Hz	

CATEGORY	SPEC ITEMS	27GR75QB-B
SOUND	Headphone out	3-pole (Sound Only)
	Location	Rear
ELECTRICAL	Power Supply Type	External Power (Adapter)
	AC Input	100 to 240V (50/60Hz)
	DC Output	48W (19V/2.53A)
	Power Consumption (Typ.)	45W
	Power Consumption (Max.)	48W
MECHANICAL	Power Consumption (Sleep Mode)	Less than 0.3W
	Power Consumption (DC Off)	Less than 0.3W
	Borderless Design	3-Side Virtually Borderless Design
	Color (Middle Cabinet)	Black, Matte + High Glossy
	Color (Back Cover)	Purple Gray, Matte + Pattern
	Color (Stand Body)	Purple Gray, Matte + High Glossy
	Color (Stand Base)	Purple Gray, Matte
	Display Position Adjustments	Tilt/Height/Pivot
	Tilt	-5 to +15 °
	Height Range	4.3 in. / 110 mm
	Down Height	4.5 in. / 113.2 mm
	Pivot	Clockwise
	Extend/Retract	No
Wall Mountable	100 x 100	
Base Detachable	YES	
OneClick Stand	YES	
Dimensions (W x H x D)	24.2 x 14.6 x 2.0 in. 613.5 x 371.6 x 51.3 mm	
Dimensions with Stand (W x H x D)	24.2 x 22.4 x 11.5 in. / 613.5 x 569.8 x 291.2 mm (1) 24.2 x 18.1 x 11.5 in. / 613.5 x 459.8 x 291.2 mm (1)	
Shipping Dimensions (W x H x D)	27.2 x 20.2 x 7.3 in. 691 x 513 x 185 mm	
Weight	8.9 lbs. / 4.05 kg	
Weight with Stand	13.6 lbs. / 6.19 kg	
Shipping Weight	18.8 lbs. / 8.55 kg	
Pallet Stuffing (20ft/40ft/40ft HC)	396/864/936	
REGULATORY & CERTIFICATIONS	UL / cUL (Certification)	YES
	FCC (Regulatory)	Class "B"
WARRANTY & ACCESSORIES	Warranty	3 Year Limited
	Others (Standard)	G-SYNC Compatible, FreeSync Premium
	Adapter	YES
	Adapter (Color)	Black
	Power Cord	YES
	Power Cord (Color/Length)	Black / 1.5m
	HDMI	YES
	HDMI (Color/Length)	Black / 1.8m
	Display Port	YES
	Display Port (Color/Length)	Black / 1.8m
Calibration Report (Paper)	YES	