LG UltraGear 27GR83Q-B(27GR83Q-B.AEU)

LG UltraGear 27GR83Q-B - LED monitor - gaming - 27" - 2560 x 1440 QHD @ 240 Hz - IPS - 400 cd/m² - 1000:1 - DisplayHDR 400 - 1 ms - 2xHDMI, DisplayPort

Experience immersive gaming and stunning visuals with the LG UltraGear 27GR83Q-B. This 27-inch QHD desktop monitor boasts a native resolution of 2560 x 1440, providing exceptional clarity and detail. The response time of 1 ms and a maximum refresh rate of 240 Hz ensure smooth gameplay, allowing enjoyment of fast-paced action. Equipped with technologies such as NVIDIA G-SYNC Compatible and AMD FreeSync Premium, this monitor delivers tear-free visuals.

The LG UltraGear 27GR83Q-B incorporates a variety of features designed for gamer convenience and comfort. With Crosshair Display, Flicker Safe, and Reader Mode, this monitor caters to user needs while reducing eye strain. The built-in USB hub and multiple input options, including HDMI and DisplayPort, facilitate easy connectivity. Additional features like HDR certification and a wide color gamut help present colors vividly, making every gaming session engaging.

Key Selling Points

Serious connection options for serious gamers
Fast response time
Get in the game
AMD FreeSync Premium

Product Features

Serious connection options for serious gamers
Enjoy smoother, vivid colors and high-resolution graphics thanks to HDMI 2.1 and DisplayPort 1.4. Both connections are supported on this display and let you experience up to 240Hz refresh rate.

Fast response time
Reimagine every scene with vivid, responsive IPS. At 27", LG's UltraGear IPS display features vibrant color, contrast, clarity and detail, while delivering ultra-fast 1ms (GtG) response rates.

Get in the game
Officially validated by NVIDIA as G-SYNC compatible. That translates to faster, smoother gaming that's been tested to reduce screen tearing and stutter. Never miss a frame of the action as you clinch your victories.

AMD FreeSync Premium
AMD FreeSync Premium equips serious gamers with a fluid, virtually tear-free gaming experience. With at least 120Hz refresh rate at minimum Full HD resolution and low-latency gameplay, you'll never miss a frame of the action as you play at peak performance.

Main Specifications

Product Description	LG UltraGear 27GR83Q-B - LED monitor - QHD - 27" - HDR
Device Type	LED-backlit LCD monitor - 27"
Energy Class	Class F
Adaptive-Sync Technology	NVIDIA G-SYNC Compatible, AMD FreeSync Premium
Features	USB 3.0 hub
Panel Type	IPS
Native Resolution	QHD 2560 x 1440 at 240 Hz
Pixel Pitch	0.2331 mm
Brightness	400 cd/m²
Contrast Ratio	1000:1
HDR Capable	HDR10 / DisplayHDR 400
Response Time	1 ms (grey-to-grey)
Gaming	Yes
Colour Support	1.07 billion colours
Colour Gamut	95% DCI-P3 (CIE 1976)

Input Connectors	2xHDMI, DisplayPort
Display Position Adjustments	Height, pivot (rotation), tilt
Voltage	AC 100-240 V (50/60 Hz)
Dimensions (WxDxH) - with stand	61.35 cm x 25.37 cm x 46.77 cm
Weight	6.2 kg

Extended Specification

General

Display Type	LED-backlit LCD monitor / TFT active matrix
Energy Class	Class F
Energy Class (HDR)	Class G
Diagonal Size	27"
Adaptive-Sync Technology	NVIDIA G-SYNC Compatible, AMD FreeSync Premium
Built-in Devices	USB 3.0 hub
Panel Type	IPS
Native Resolution	QHD 2560 x 1440 at 240 Hz
Pixel Pitch	0.2331 mm
Brightness	400 cd/m²
Contrast Ratio	1000:1
HDR Format	HDR10
HDR Certification	DisplayHDR 400
Colour Support	1.07 billion colours
Colour Gamut	95% DCI-P3 (CIE 1976)
Response Time	1 ms (grey-to-grey)
Gaming	Yes
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Backlight Technology	LED backlight
Features	Crosshair Display, Flicker Safe, Reader Mode, Factory Calibration, Smart Energy Saving technology, Black Stabilizer, DAS Mode (Dynamic Action Sync), Color Weakness Mode, FPS Counter, HDR Effect, auto input switch, HW calibration, user defined key, Gaming GUI, Variable refresh rate (VRR), 3-sided borderless
Dimensions (WxDxH)	61.35 cm x 25.37 cm x 46.77 cm - with stand
Weight	6.2 kg

Miscellaneous

Features	DTS Headphone:X
Included Accessories	Cable holder, mouse holder
Cables Included	1 x HDMI cable ¦ 1 x DisplayPort cable ¦ 1 x USB-A to USB-B cable

Power

Input Voltage	AC 100-240 V (50/60 Hz)
Power Consumption SDR (On mode)	26 kWh/1000h
Power Consumption HDR (On mode)	45 kWh/1000h
Power Consumption (Typical)	50 Watt
Power Consumption (Max)	55 Watt
Power Consumption Sleep	0.5 Watt
Power Consumption (Off Mode)	0.3 Watt

Software / System Requirements

Included Software	LG On-Screen Control, LG Calibration Studio

Connectivity

Interfaces	2 x HDMI ¦ DisplayPort 1.4 ¦ USB 3.0 upstream ¦ 2 x USB 3.0 downstream ¦ Headphones (mini-jack)

Dimensions & Weight

Dimensions & Weight Details	With stand (lowest position) - width: 61.35 cm - depth: 25.37 cm - height: 46.77 cm - weight: 6.2 kg ¦ With stand (highest position) - width: 61.35 cm - depth: 25.37 cm - height: 57.77 cm - weight: 6.2 kg ¦ Without stand - width: 61.35 cm - depth: 5.13 cm - height: 37.16 cm - weight: 4.3 kg

Dimensions & Weight (Shipping)

Shipping Width	69.1 cm
Shipping Depth	18.4 cm
Shipping Height	49.8 cm
Shipping Weight	8.6 kg

Mechanical

Display Position Adjustments	Height, pivot (rotation), tilt
Tilt Angle	-5/+15
Height Adjustment	110 mm
VESA Mounting Interface	100 x 100 mm