



## LG 27GR83Q-B computer monitor 68.6 cm (27") 2560 x 1440 pixels 2K Ultra HD LED Black

Brand : LG

Product code: 27GR83Q-B

Product name : 27GR83Q-B

27" UltraGear™ QHD 1ms 240Hz Gaming Monitor with NVIDIA® G-SYNC® Compatible  
 LG 27GR83Q-B. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: 2K Ultra HD, Display technology: LED, Display surface: Matt, Response time: 1 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in USB hub, USB hub version: 2.0 / 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black



Display		Ports & interfaces	
Display diagonal *	68.6 cm (27")	DC-in jack	✓
Display resolution *	2560 x 1440 pixels	AC (power) in	✗
HD type *	2K Ultra HD	<b>Network</b>	
Native aspect ratio *	16:9	Wi-Fi	✗
Display technology *	LED	Bluetooth	✗
Panel type *	IPS	Ethernet LAN	✗
Backlight type	LED	<b>Ergonomics</b>	
Touchscreen *	✗	VESA mounting *	✓
Display brightness (peak)	500 cd/m <sup>2</sup>	Panel mounting interface	100 x 100 mm
Display brightness (typical)	400 cd/m <sup>2</sup>	Wall mountable	✓
Response time *	1 ms	Cable management	✓
Display surface	Matt	Cable lock slot *	✓
Anti-glare screen	✓	Cable lock slot type	Kensington
Screen shape *	Flat	Height adjustment *	✓
Supported graphics resolutions	2560 x 1440	Height adjustment	11 cm
Supported video modes	480p, 720p, 1080p, 2160p	Pivot	✓
Aspect ratio	16:9	Tilt adjustment	✓
Contrast ratio (typical) *	1000:1	On Screen Display (OSD)	✓
Maximum refresh rate *	240 Hz	On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, German, English, Spanish, French, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian
Viewing angle, horizontal	178°	Number of OSD languages	17
Viewing angle, vertical	178°	Plug and Play	✓
Display number of colours *	1.07 billion colours	X-ray film viewing mode	✗
Response time (fast)	1 ms	<b>Power</b>	
SmartResponse	1 ms	Energy efficiency class (SDR) *	F
Pixel pitch	0.2331 x 0.2331 mm	Energy efficiency class (HDR) *	G
Pixel density	108.79 ppi	Energy consumption (SDR) per 1000 hours *	26 kWh
High Dynamic Range (HDR) supported	✓	Energy consumption (HDR) per 1000 hours *	45 kWh
High Dynamic Range (HDR) technology	DisplayHDR 400, HDR Effect	Power consumption (typical) *	50 W
Colour depth	10 bit	<b>Performance</b>	
Colour gamut standard	DCI-P3	NVIDIA G-SYNC *	✓
Colour gamut	95%		

<b>Performance</b>		<b>Power</b>	
NVIDIA G-SYNC type	G-SYNC Compatible	Power consumption (standby) *	0.5 W
AMD FreeSync *	✓	Power consumption (max)	55 W
AMD FreeSync type	FreeSync Premium	Power consumption (average)	52 W
Flicker-free technology	✓	Power consumption (off)	0.3 W
Low Blue Light technology	✓	Power consumption (PowerSave)	0.5 W
Game mode	✓	AC input voltage	100 - 240 V
Smart modes	Energy saving	AC input frequency	50/60 Hz
<b>Multimedia</b>		Input current	3.42 A
Built-in speaker(s) *	✗	AC adapter output voltage	19 V
Built-in microphone	✗	Power supply type	External
Adaptive Sound Control (ASC)	✗	Energy efficiency scale	A to G
Multiroom	✗	<b>Operational conditions</b>	
Built-in camera *	✗	Operating temperature (T-T)	0 - 40 °C
<b>Design</b>		Storage temperature (T-T)	-20 - 60 °C
Market positioning *	Gaming	<b>Weight &amp; dimensions</b>	
Product colour *	Black	Width (with stand)	613.5 mm
Refurbished	✗	Depth (with stand)	253.7 mm
Colour name	Black	Height (with stand)	577.7 mm
Frameless design	✓	Weight (with stand)	6.2 kg
Front bezel colour	Black	Width (without stand)	613.5 mm
Detachable stand	✓	Depth (without stand)	51.3 mm
Illuminated stand	✗	Height (without stand)	371.6 mm
Feet colour	Black	Weight (without stand)	4.3 kg
<b>Ports &amp; interfaces</b>		<b>Packaging data</b>	
Built-in USB hub *	✓	Package width	691 mm
USB hub version	2.0 / 3.2 Gen 1 (3.1 Gen 1)	Package depth	498 mm
USB upstream port type	USB Type-B	Package height	183 mm
Number of upstream ports	1	Package weight	8.62 kg
Number of USB Type-B upstream ports quantity	3	Package type	Box
USB Type-A downstream ports quantity	2	<b>Packaging content</b>	
USB Power Delivery (USB PD)	✗	Stand included	✓
USB Touch port	✗	Cables included	DisplayPort, HDMI, USB Type-A to USB Type-B
HDMI *	✓	Power adapter included	✓
HDMI ports quantity	2	DisplayPort cable length	1.8 m
HDMI version	2.1	HDMI cable length	1.8 m
DisplayPorts quantity	1	Power cable length	1.5 m
DisplayPort version	1.4	<b>Other features</b>	
Headphone out *	✓	Country of origin	China
Headphone outputs	1	Brand specific technologies	Black Equalizer, Crosshair, DAS Mode, Eye Care+
Headphone connectivity	3.5 mm	Low input lag	✓
HDCP	✓	FPS counter	✓
HDCP version	1.4/2.3	Shadow control	✓
		Introduction year	2023
		Introduction month	December
		Hardware calibration	✓
		Built-in calibration sensor	✓

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