



LG 27" UltraGear™ OLED 480Hz QHD Gaming Monitor

Brand : LG

Product code: 27GX790A-B

Product name : 27" UltraGear™ OLED 480Hz QHD Gaming Monitor

- 27-inch QHD (2560x1440) OLED display
 - DisplayHDR True Black 400 / 1.5M:1 contrast ratio
 - OLED with 480Hz refresh rate
 - 0.03ms (GtG) response time
 - NVIDIA® G-SYNC® Compatible / VESA Certified AdaptiveSync / AMD FreeSync™ Premium Pro
 - Hexagon lighting design with space-saving L stand
- 26.5, 2560 x 1440, 16:9, 480, OLED, DCI-P3 98.5% (CIE1976), 10bit, HDR 10, NVIDIA G-Sync, 100~240V (50/60Hz)
- LG 27" UltraGear™ OLED 480Hz QHD Gaming Monitor. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: 2K, Display technology: OLED, Display surface: Gloss, Response time: 0.03 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		Ergonomics	
Display diagonal *	68.6 cm (27")	VESA mounting *	✓
Display resolution *	2560 x 1440 pixels	Panel mounting interface	100 x 100 mm
HD type *	2K	Wall mountable	✓
Native aspect ratio *	16:9	Cable management	✓
Display technology *	OLED	Cable lock slot *	✓
Panel type *	WOLED	Cable lock slot type	Kensington
Touchscreen *	✗	Height adjustment *	✓
Display brightness (typical)	275 cd/m²	Adjustable height (max)	11 cm
Response time *	0.03 ms	Pivot	✓
Response time measurement type	GTG (Gray to Gray)	Swivelling	✓
Display surface	Gloss	Swivel angle range	-30 - 30°
Anti-glare screen	✓	Tilt adjustment	✓
Screen shape *	Flat	Tilt angle range	-5 - 15°
Contrast ratio (typical) *	1500000:1	Picture-in-Picture	✓
Maximum refresh rate *	480 Hz	On Screen Display (OSD)	✓
Viewing angle, horizontal	178°	Plug and Play	✓
Viewing angle, vertical	178°		
Pixel pitch	0.2292 x 0.2292 mm		
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	DisplayHDR 400 True Black, High Dynamic Range 10 (HDR10)		
Performance		Power	
NVIDIA G-SYNC *	✓	Energy efficiency class (SDR) *	F
NVIDIA G-SYNC type	G-SYNC Compatible	Energy efficiency class (HDR) *	G
AMD FreeSync *	✓	Energy consumption (SDR) per 1000 hours *	25 kWh
AMD FreeSync type	FreeSync Premium Pro	Energy consumption (HDR) per 1000 hours *	30 kWh
VESA Adaptive Sync support	✓	Power consumption (standby) *	0.5 W
Flicker-free technology	✓	AC input voltage	100 - 240 V
		AC input frequency	50/60 Hz
		Power supply type	External
		Energy efficiency scale	A to G

Performance		Weight & dimensions	
Low Blue Light technology	✓	Width (with stand)	605.2 mm
Game mode	✓	Depth (with stand)	249.1 mm
Multimedia		Height (with stand)	579.3 mm
Built-in speaker(s) *	✗	Weight (with stand)	9.3 kg
Built-in microphone	✗	Width (without stand)	605.2 mm
Built-in camera *	✗	Depth (without stand)	45.3 mm
Design		Height (without stand)	351 mm
Market positioning *	Gaming	Weight (without stand)	5.1 kg
Product colour *	Black	Packaging data	
Refurbished	✗	Package width	820 mm
Frameless design	✓	Package depth	183 mm
Front bezel colour	Black	Package height	532 mm
Detachable stand	✓	Package weight	12.5 kg
Feet colour	Black	Packaging content	
Ports & interfaces		Stand included	✓
Built-in USB hub *	✓	Cables included	AC, DisplayPort, HDMI, USB Type-A to USB Type-B
USB hub version	2.0 / 3.2 Gen 1 (3.1 Gen 1)	Power adapter included	✓
USB upstream port type	USB Type-B	Screws included	✓
Number of upstream ports	1	Quick start guide	✓
Number of USB Type-B upstream ports quantity	1	Manual	✓
USB Type-A downstream ports quantity	2	HDMI cable length	1.8 m
HDMI *	✓	Other features	
HDMI ports quantity	2	Low input lag	✓
HDMI version	2.1a	FPS counter	✓
DisplayPorts quantity	1	Dial point	✗
DisplayPort out quantity	1	Shadow control	✗
DisplayPort version	2.1	Motion blur reduction	✓
Headphone out *	✓	Sound mirroring	✗
Headphone outputs	1	Screen mirroring	✓
Headphone connectivity	3.5 mm	Local dimming	✓

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