LG

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

Display diagonal *	68.6 cm (27")
Display resolution *	2560 x 1440 pixels
HD type *	2K
Native aspect ratio *	16:9
Display technology *	OLED
Panel type *	WOLED
Touchscreen *	✘
Display brightness (typical)	275 cd/m²
Response time *	0.03 ms
Response time measurement type	GTG (Gray to Gray)
Display surface	Gloss
Anti-glare screen	✔
Screen shape *	Flat
Contrast ratio (typical) *	1500000:1
Maximum refresh rate *	480 Hz
Viewing angle, horizontal	178°
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

NVIDIA G-SYNC *	✔
NVIDIA G-SYNC type	G-SYNC Compatible
AMD FreeSync *	✔
AMD FreeSync type	FreeSync Premium Pro
VESA Adaptive Sync support	✔
Flicker-free technology	✔
Low Blue Light technology	✔
Game mode	✔

Multimedia

Built-in speaker(s) *	✘
Built-in microphone	✘
Built-in camera *	✘

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Wall mountable	✔
Cable management	✔
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Adjustable height (max)	11 cm
Pivot	✔
Swivelling	✔
Swivel angle range	-30 - 30°
Tilt adjustment	✔
Tilt angle range	-5 - 15°
Picture-in-Picture	✔
On Screen Display (OSD)	✔
Plug and Play	✔

Power

Energy efficiency class (SDR) *	F
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	25 kWh
Energy consumption (HDR) per 1000 hours *	30 kWh
Power consumption (standby) *	0.5 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	External
Energy efficiency scale	A to G

Weight & dimensions

Width (with stand)	605.2 mm
Depth (with stand)	249.1 mm
Height (with stand)	579.3 mm
Weight (with stand)	9.3 kg
Width (without stand)	605.2 mm
Depth (without stand)	45.3 mm

Design

Market positioning *	Gaming
Product colour *	Black
Refurbished	✘
Frameless design	✔
Front bezel colour	Black
Detachable stand	✔
Feet colour	Black

Ports & interfaces

Built-in USB hub *	✔
USB hub version	2.0 / 3.2 Gen 1 (3.1 Gen 1)
USB upstream port type	USB Type-B
Number of upstream ports	1
Number of USB Type-B upstream ports quantity	1
USB Type-A downstream ports quantity	2
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.1a
DisplayPorts quantity	1
DisplayPort out quantity	1
DisplayPort version	2.1
Headphone out *	✔
Headphone outputs	1
Headphone connectivity	3.5 mm

Weight & dimensions

Height (without stand)	351 mm
Weight (without stand)	5.1 kg

Packaging data

Package width	820 mm
Package depth	183 mm
Package height	532 mm
Package weight	12.5 kg

Packaging content

Stand included	✔
Cables included	AC, DisplayPort, HDMI, USB Type-A to USB Type-B
Power adapter included	✔
Screws included	✔
Quick start guide	✔
Manual	✔
HDMI cable length	1.8 m

Other features

Low input lag	✔
FPS counter	✔
Dial point	✘
Shadow control	✘
Motion blur reduction	✔
Sound mirroring	✘
Screen mirroring	✔
Local dimming	✔

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