



LG 27" UltraGear™ OLED 480Hz QHD Gaming Monitor

Brand : LG

Product code: 27GX790A-B.AEK

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



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: Quad HD, Display technology: OLED, Display surface: Matt, 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		Ports & interfaces	
Display diagonal *	68.6 cm (27")	Headphone out *	✓
Display resolution *	2560 x 1440 pixels	Headphone outputs	1
HD type *	Quad HD	Headphone connectivity	3.5 mm
Native aspect ratio *	16:9	Ergonomics	
Display technology *	OLED	VESA mounting *	✓
Panel type *	WOLED	Panel mounting interface	100 x 100 mm
Touchscreen *	✗	Wall mountable	✓
Display brightness (peak)	1300 cd/m ²	Cable management	✓
Display brightness (typical)	275 cd/m ²	Height adjustment *	✓
Response time *	0.03 ms	Adjustable height (max)	11 cm
Response time measurement type	GTG (Gray to Gray)	Pivot	✓
Display surface	Matt	Swivelling	✓
Anti-glare screen	✓	Swivel angle range	-30 - 30°
Screen shape *	Flat	Tilt adjustment	✓
Contrast ratio (typical) *	1500000:1	Tilt angle range	-5 - 15°
Maximum refresh rate *	480 Hz	Picture-in-Picture	✓
Viewing angle, horizontal	178°	On Screen Display (OSD)	✓
Viewing angle, vertical	178°	Plug and Play	✓
Display number of colours *	1.07 billion colours	Power	
Pixel pitch	0.2292 x 0.2292 mm	Energy efficiency class (SDR) *	F
High Dynamic Range (HDR) supported	✓	Energy efficiency class (HDR) *	G
High Dynamic Range (HDR) technology	DisplayHDR 400 True Black, High Dynamic Range 10 (HDR10)	Energy consumption (SDR) per 1000 hours *	25 kWh
Colour gamut standard	DCI-P3	Energy consumption (HDR) per 1000 hours *	30 kWh
Colour gamut	98.5%	Power consumption (standby) *	0.5 W
DCI-P3 coverage	98.5%	AC input voltage	100 - 240 V
Performance		AC input frequency	50/60 Hz
NVIDIA G-SYNC *	✓	Power supply type	External
NVIDIA G-SYNC type	G-SYNC Compatible	Energy efficiency scale	A to G
AMD FreeSync *	✓	Weight & dimensions	
AMD FreeSync type	FreeSync Premium Pro	Width (with stand)	605.2 mm
VESA Adaptive Sync support	✓	Depth (with stand)	249.1 mm
Flicker-free technology	✓	Height (with stand)	579.3 mm
Low Blue Light technology	✓	Weight (with stand)	9.3 kg
Game mode	✓	Width (without stand)	605.2 mm
Multimedia		Depth (without stand)	45.3 mm
Built-in speaker(s) *	✗	Height (without stand)	351 mm
Built-in microphone	✗		

Multimedia		Weight & dimensions	
Built-in camera *	✗	Weight (without stand)	5.1 kg
Design		Packaging data	
Market positioning *	Gaming	Package width	820 mm
Product colour *	Black	Package depth	183 mm
Refurbished	✗	Package height	532 mm
Frameless design	✓	Package weight	12.5 kg
Front bezel colour	Black	Package type	Box
Detachable stand	✓	Packaging content	
Feet colour	Black	Stand included	✓
Ports & interfaces		Cables included	AC, DisplayPort, HDMI, USB Type-A to USB Type-B
Built-in USB hub *	✓	Power adapter included	✓
USB hub version	2.0 / 3.2 Gen 1 (3.1 Gen 1)	Screws included	✓
USB upstream port type	USB Type-B	Quick start guide	✓
Number of upstream ports	1	Manual	✓
Number of USB Type-B upstream ports quantity	1	HDMI cable length	1.8 m
USB Type-A downstream ports quantity	2	Other features	
HDMI *	✓	Country of origin	China
HDMI ports quantity	2	Brand specific technologies	Crosshair
HDMI version	2.1a	Low input lag	✓
DisplayPorts quantity	1	FPS counter	✓
DisplayPort out quantity	1	Dial point	✗
DisplayPort version	2.1	Shadow control	✗
		Motion blur reduction	✓
		Local dimming	✓
		Warranty period	2 year(s)

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Publication date: 11-APR-2026. Prints or copies of Information are only valid on the printed Publication date