LG

LG UltraGear computer monitor 114.3 cm (45") 5120 x 2160 pixels 5K Ultra HD OLED Black

Brand : LG

Product code: 45GX950A-B.AEK

Product name : UltraGear

- 45-inch 5K2K (5120x2160) OLED display
- Dual-Mode (WUHD 165Hz ↔ WFHD 330Hz)
- 0.03ms (GtG) response time
- DisplayPort 2.1 / USB-C (PD 90W)
- NVIDIA® G-SYNC® Compatible / VESA Certified AdaptiveSync / AMD FreeSync™ Premium Pro
- DisplayHDR True Black 400 / DCI-P3 98.5%
45'', OLED, 5120x2160, Dual-Mode, 5K2K, 800R, 0.03 ms (GtG), Rich Bass (10Wx2), DisplayHDR True Black 400, 165Hz, DP 2.1 & USB-C, 100 - 240 V
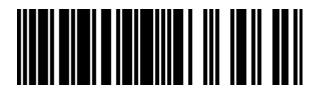LG UltraGear. Display diagonal: 114.3 cm (45"), Display resolution: 5120 x 2160 pixels, HD type: 5K Ultra HD, Display technology: OLED, Response time: 0.03 ms, Native aspect ratio: 21:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). VESA mounting. Product colour: Black

Display

Display diagonal *	114.3 cm (45")
Display resolution *	5120 x 2160 pixels
HD type *	5K Ultra HD
Native aspect ratio *	21:9
Display technology *	OLED
Panel type *	OLED
Response time *	0.03 ms
Response time measurement type	GTG (Gray to Gray)
Screen shape *	Curved
Screen curvature rating	800R
Supported graphics resolutions	5120 x 2160
Contrast ratio (typical) *	1500000:1
Maximum refresh rate *	165 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.07 billion colours
Pixel pitch	0.2035 x 0.2035 mm
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
Colour depth	10 bit
Colour gamut standard	DCI-P3
DCI-P3 coverage	98.5%

Performance

NVIDIA G-SYNC *	✔
NVIDIA G-SYNC type	G-SYNC Compatible
AMD FreeSync *	✔
AMD FreeSync type	FreeSync Premium Pro
VESA Adaptive Sync support	✔
Game mode	✔

Multimedia

Number of speakers	2

Ports & interfaces

USB Power Delivery up to	90 W
HDMI *	✔
HDMI version	2.1
DisplayPort version	2.1
Headphone out *	✔

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
LED indicators	✔

Power

Energy efficiency class (SDR) *	F
Energy efficiency class (HDR) *	F
Energy consumption (SDR) per 1000 hours *	45 kWh
Energy consumption (HDR) per 1000 hours *	45 kWh
Power consumption (standby) *	0.5 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Energy efficiency scale	A to G

Weight & dimensions

Width (with stand)	991.6 mm
Depth (with stand)	342 mm
Height (with stand)	665.6 mm
Weight (with stand)	14 kg
Width (without stand)	991.6 mm
Depth (without stand)	225.5 mm
Height (without stand)	460.7 mm
Weight (without stand)	9.4 kg

Multimedia

RMS rated power	20 W
Built-in speaker(s) *	✔

Design

Market positioning *	Gaming
Product colour *	Black
Detachable stand	✔

Ports & interfaces

USB Power Delivery (USB PD)	✔

Packaging data

Package width	1142 mm
Package depth	564 mm
Package height	301 mm
Package weight	20.5 kg
Package type	Box

Packaging content

Stand included	✔
Cables included	DisplayPort, HDMI, USB Type-C
Power adapter included	✔

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