



## LG 27" UltraGear™ OLED 480Hz QHD Gaming Monitor

**Brand :** LG

**Product code:** 27GX790A-B.AEK

**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                             |  | Ports & interfaces                        |              |
|-------------------------------------|--|---|--------------|
| Display diagonal *                  | 68.6 cm (27")  | Headphone connectivity                    | 3.5 mm       |
| Display resolution *                | 2560 x 1440 pixels                                       | Ergonomics                                |              |
| HD type *                           | 2K   | VESA mounting *                           | ✓            |
| Native aspect ratio *               | 16:9   | Panel mounting interface                  | 100 x 100 mm |
| Display technology *                | OLED   | Wall mountable                            | ✓            |
| Panel type *                        | WOLED  | Cable management                          | ✓            |
| Touchscreen *                       | ✗  | Cable lock slot *                         | ✓            |
| Display brightness (typical)        | 275 cd/m²  | Cable lock slot type                      | Kensington   |
| Response time *                     | 0.03 ms  | Height adjustment *                       | ✓            |
| Response time measurement type      | GTG (Gray to Gray)                                       | Adjustable height (max)                   | 11 cm        |
| Display surface                     | Gloss  | Pivot                                     | ✓            |
| Anti-glare screen                   | ✓  | Swivelling                                | ✓            |
| Screen shape *                      | Flat   | Swivel angle range                        | -30 - 30°    |
| Contrast ratio (typical) *          | 1500000:1  | Tilt adjustment                           | ✓            |
| Maximum refresh rate *              | 480 Hz   | Tilt angle range                          | -5 - 15°     |
| Viewing angle, horizontal           | 178°   | Picture-in-Picture                        | ✓            |
| Viewing angle, vertical             | 178°   | On Screen Display (OSD)                   | ✓            |
| Pixel pitch                         | 0.2292 x 0.2292 mm                                       | Plug and Play                             | ✓            |
| Pixel density                       | 111 ppi  | Power                                     |              |
| High Dynamic Range (HDR) supported  | ✓  | Energy efficiency class (SDR) *           | F            |
| High Dynamic Range (HDR) technology | DisplayHDR 400 True Black, High Dynamic Range 10 (HDR10) | Energy efficiency class (HDR) *           | G            |
| Performance                         |  | Energy consumption (SDR) per 1000 hours * | 25 kWh       |
| NVIDIA G-SYNC *                     | ✓  | Energy consumption (HDR) per 1000 hours * | 30 kWh       |
| NVIDIA G-SYNC type                  | G-SYNC Compatible  | Power consumption (standby) *             | 0.5 W        |
| AMD FreeSync *                      | ✓  | AC input voltage                          | 100 - 240 V  |
| AMD FreeSync type                   | FreeSync Premium Pro                                     |   |              |
| VESA Adaptive Sync support          | ✓  |   |              |

| Performance                                  |                             | Power                   |   |
|--|-----------------------------|-------------------------|---|
| Flicker-free technology                      | ✓                           | AC input frequency      | 50/60 Hz  |
| Low Blue Light technology                    | ✓                           | Power supply type       | External  |
| Game mode                                    | ✓                           | Energy efficiency scale | A to G  |
| Multimedia                                   |                             | Weight & dimensions     |   |
| Built-in speaker(s) *                        | ✗                           | Width (with stand)      | 605.2 mm  |
| Built-in microphone                          | ✗                           | Depth (with stand)      | 249.1 mm  |
| Built-in camera *                            | ✗                           | Height (with stand)     | 579.3 mm  |
| Design                                       |                             | Weight (with stand)     | 9.3 kg  |
| Market positioning *                         | Gaming                      | Width (without stand)   | 605.2 mm  |
| Product colour *                             | Black                       | Depth (without stand)   | 45.3 mm   |
| Refurbished                                  | ✗                           | Height (without stand)  | 351 mm  |
| Frameless design                             | ✓                           | Weight (without stand)  | 5.1 kg  |
| Front bezel colour                           | Black                       | Packaging data          |   |
| Detachable stand                             | ✓                           | Package width           | 820 mm  |
| Feet colour                                  | Black                       | Package depth           | 183 mm  |
| Ports & interfaces                           |                             | Package height          | 532 mm  |
| Built-in USB hub *                           | ✓                           | Package weight          | 12.5 kg   |
| USB hub version                              | 2.0 / 3.2 Gen 1 (3.1 Gen 1) | Packaging content       |   |
| USB upstream port type                       | USB Type-B                  | Stand included          | ✓   |
| Number of upstream ports                     | 1                           | Cables included         | AC, DisplayPort, HDMI, USB Type-A to USB Type-B |
| Number of USB Type-B upstream ports quantity | 1                           | Power adapter included  | ✓   |
| USB Type-A downstream ports quantity         | 2                           | Screws included         | ✓   |
| HDMI *                                       | ✓                           | Quick start guide       | ✓   |
| HDMI ports quantity                          | 2                           | Manual                  | ✓   |
| HDMI version                                 | 2.1a                        | HDMI cable length       | 1.8 m   |
| DisplayPorts quantity                        | 1                           | Other features          |   |
| DisplayPort out quantity                     | 1                           | Low input lag           | ✓   |
| DisplayPort version                          | 2.1                         | FPS counter             | ✓   |
| Headphone out *                              | ✓                           | Dial point              | ✗   |
| Headphone outputs                            | 1                           | Shadow control          | ✗   |
|  |                             | Motion blur reduction   | ✓   |
|  |                             | Sound mirroring         | ✗   |
|  |                             | Screen mirroring        | ✓   |
|  |                             | Local dimming           | ✓   |



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