

# 32BQ85U-W

## 4K UHD Monitor

### ▶ 32BQ85U-W

32" class (31.5" diagonal)



## Features

### 32 INCH 4K UHD

Outstanding Ultra HD performance is assured by the specially designed 4K display, delivering vivid colors that remain consistent with four times the resolution of Full HD.

### DCI-P3 98% COLOR GAMUT

This monitor covers 95% of the DCI-P3 color space, the current standard utilized by the film industry, assuring an exceptionally wide range of available colors.

### HDCP 2.3 COMPATIBLE

Connect with confidence: This LG 4K monitor is compatible with the latest HDCP 2.3 copy protection, so it will display video from 4K streaming services, game consoles and Ultra HD Blu-ray disc players.

### AMD FREESYNC™ TECHNOLOGY

LG's monitors with AMD FreeSync™\* technology reduce the tearing and stuttering that occur between a graphic card's frame rate and a monitor's refresh rate. Thanks to FreeSync, gaming enthusiasts can experience seamless, fluid movement throughout any hi-res, heavy-duty game.

\*FreeSync is only available when it is connected to Display Port.

### DYNAMIC ACTION SYNC

Gamers can experience optimized, fast-paced gaming with Dynamic Action Sync. Dynamic Action Sync is a feature that minimizes input lag so the game play in RTS games is more responsive.

### BLACK STABILIZER

Keep visibility even in dark scenes. LG's Black Stabilizer senses dark scenes and helps make it brighter so that you can find the enemies hiding and waiting to attack your player in the dark.

### ON-SCREEN CONTROL

On-Screen Control puts a host of monitor settings into a handy window for quick, easy access. Volume, brightness, picture mode presets, Screen Split 2.0 and Dual Controller can be adjusted with just a few clicks of the mouse.

### TILT, HEIGHT AND PIVOT ADJUSTABLE DISPLAY

Find your perfect viewing angle: The adjustable stand allows users to raise and lower the monitor as desired to provide the best possible view.

## Specifications

Native Display Resolution 3840 x 2160 4K UHD

Contrast Ratio 2000:1 (Typ.)

5 ms (G to G) Response Time

Vesa™ Compliant Wall Mountable (100 x 100 mm)

3-Year Limited Warranty Parts/Labor/Backlight

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| DISPLAY      | MODEL                          | 32BQ85U-W               |
|--------------|--------------------------------|-------------------------|
|              | Size (Inch)                    | 31.5"                   |
|              | Resolution                     | 3840 x 2160             |
|              | Panel Type                     | IPS                     |
|              | Aspect Ratio                   | 16:9                    |
|              | Pixel Pitch                    | 0.181 x 0.181 mm        |
|              | Brightness (Min.)              | 320 nits                |
|              | Brightness (Typ.)              | 400 nits                |
|              | Color Gamut (Min.)             | DCI-P3 94% (CIE1976)    |
|              | Color Gamut (Typ.)             | DCI-P3 98% (CIE1976)    |
|              | Color Depth (Number of Colors) | 1.07B                   |
|              | Contrast Ratio (Min.)          | 1400:1                  |
|              | Contrast Ratio (Typ.)          | 2000:1                  |
|              | Response Time                  | 5 ms (GtG at Faster)    |
|              | Viewing Angle (CR ≥ 10)        | 178° (R/L), 178° (U/D)  |
|              | Surface Treatment              | Anti-Glare 3H           |
| INPUT/OUTPUT | HDMI                           | YES - Version 2.0 (2ea) |
|              | HDMI (Max. Resolution at Hz)   | 3840 x 2160 at 60Hz     |
|              | DisplayPort                    | YES - Version 1.4 (1ea) |
|              | DP (Max. Resolution at Hz)     | 3840 x 2160 at 60Hz     |
|              | USB-C                          | YES (1ea)               |
|              | USB-C (Max. Resolution at Hz)  | 3840x2160@60Hz          |
|              | USB-C (Power Delivery)         | 90W                     |
|              | USB Downstream Port            | YES - Version 3.0 (2ea) |
|              | Headphone out                  | YES                     |
|              | Speaker                        | YES - 5W*2Ch            |
| ELECTRICAL   | Type                           | External Power(Adapter) |
|              | AC Input                       | 100-240 Vac, 50/60Hz    |
|              | DC Output                      | 210W (19.5V, 10.8A)     |
|              | Power Consumption (Typ.)       | 55W                     |
|              | Power Consumption (Max.)       | 162W                    |
|              | Power Consumption (Sleep Mode) | Less than 0.5W          |
|              | Power Consumption (DC Off)     | Less than 0.3W          |

| SPECIAL FEATURES | MODEL                                | 32BQ85U-W   |
|------------------|--------------------------------------|---|
|                  | HDR10                                | YES   |
|                  | VESA DisplayHDR™                     | DisplayHDR™ 400   |
|                  | HDR Effect                           | YES   |
|                  | Wide Color Gamut                     | YES   |
|                  | Color Calibrated                     | YES   |
|                  | Picture Mode                         | (SDR): Custom, P3-D65, sRGB, Calibration<br>(HDR): BT.2100 PQ |
|                  | Super Resolution +                   | YES   |
|                  | AMD FreeSync™                        | YES   |
|                  | Black Stabilizer                     | YES   |
|                  | Dynamic Action Sync                  | YES   |
|                  | Smart Energy Saving                  | YES   |
|                  | Dual Controller                      | YES   |
|                  | OnScreen Control (LG Screen Manager) | YES   |
| MECHANICAL       | Display Position Adjustments         | Tilt/Height/Pivot   |
|                  | Wall Mountable                       | 100 x 100 mm  |
|                  | Dimension with Stand (W x H x D)     | 28.1 x 23.5 x 9.4 in. /<br>714.5 x 597.8 x 239.3 mm           |
|                  | Dimension without Stand (W x H x D)  | 28.1 x 16.5 x 1.8 in. /<br>714.5 x 420.3 x 44.6 mm            |
|                  | Dimension in Shipping (W x H x D)    | 32.3 x 8.4 x 19.9 in. /<br>821 x 213 x 507 mm                 |
|                  | Weight with Stand                    | 15.2 lbs. / 6.9 kg  |
|                  | Weight without Stand                 | 11 lbs. / 5.0 kg  |
|                  | Weight in Shipping                   | 23.5 lbs. / 10.65 kg  |
| STANDARD         | EPA                                  | YES - 8.0   |
|                  | CB                                   | YES   |
|                  | UL(cUL)                              | YES   |
|                  | FCC-B                                | YES   |
|                  | ErP                                  | YES   |
|                  | CE                                   | YES   |
| ACCESSORY        | Adapter                              | White   |
|                  | Power Cord                           | White / 5 ft (1.5m)   |
|                  | HDMI                                 | White / 5 ft (1.5m)   |
|                  | USB Type C                           | White / 5 ft (1.5m)   |
| OTHER            | Limited Warranty                     | 3 Year Parts and Labor  |
|                  | UPC                                  | 7 19192 62533 4   |



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Customer Service: 888.865.3026  
[www.LG.com/us/commercial/display-support](http://www.LG.com/us/commercial/display-support)

Contact your LG Regional Sales Representative:  
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 Hospitality: 800.228.1236  
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