

# 34" Curved UltraWide™ WQHD (3440 x1440) Monitor



## FEATURES

### 34" 21:9 ULTRAWIDE™ WQHD DISPLAY

The UltraWide™ WQHD screen (3440x1440 resolution, 21:9 aspect ratio) expands your viewable workspace and allows you to switch more efficiently between applications. This more expansive field of vision is ideal for finance executives, artistic producers, creative professionals, and anyone who spends significant time in front of their monitors while giving them the ability to work with greater efficiency.

### IPS SCREEN WITH DCI-P3 95% (TYP.)

LG's IPS screen technology delivers content in rich color over wide viewing angles to allow viewers to see quality images off-axis or when sharing their monitor screen with another person and boasts 95% coverage of the DCI-P3 spectrum.

### HDR10 CAPABLE

This UltraWide™ monitor is compatible with HDR10 (High Dynamic Range) content, supporting specific levels of color and brightness to deliver more dramatic colors and richer content.

### MAXXAUDIO®

7W Stereo Speakers with MaxxAudio® sound compliments the UltraWide™ display to deliver a more immersive experience.

### ERGONOMIC DESIGN

The ergonomic, one-click stand is easy to install, and its convenient height, tilt, swivel, and bidirectional pivot capability allow you to customize your work environment.

### USB TYPE-C™ CONNECTIVITY

An advanced USB Type-C™ port provides fast data transfer and can charge connected devices (up to 90 Watts) to fully support your laptop over a single cable.

### ONSCREEN S/B ON-SCREEN

A few simple mouse clicks allow you to customize your workspace by splitting the display or adjusting basic monitor options.

## KEY SPECS

34-inch Curved UltraWide™, WQHD Display

HDR 10

IPS Screen with DCI-P3 95% (Typ.)

MaxxAudio® (7Wx2)

USB Type-C™ with 4K AV, Data transferring, Power Delivery (90 W)

AMD FreeSync™

Wall Mountable 100mm x 100mm

MODEL	34BP85CN-B		
DISPLAY	Diagonal Size	34 Inch	
	Resolution	3440 x 1440	
	Panel Type	IPS	
	Panel Multi	LGD Module	
	Backlight Technology	LED	
	Backlight Type	Edge	
	Backlight Array	H1B	
	Backlight Dimming Technology	Global Dimming	
	Aspect Ratio	21:9	
	Pixel Pitch	0.2325 x 0.2325 mm	
	Brightness (Min.)	240 nits	
	Brightness (Typ.)	300 nits	
	Color Gamut (Typ.)	DCI-P3 95% (CIE1976)	
	Color Depth (Number of Colors)	1.07B	
	Color Bit	10bit (8bit+FRC)	
	Contrast Ratio (Min.)	700:1	
	Contrast Ratio (Typ.)	1000:1	
	Contrast Ratio with DFC	Mega	
	Response Time (GtG)	5ms	
	Viewing Angle (CR≥10)	178° (R/L), 178° (U/D)	
Surface Treatment	Anti-Glare		
Curved	Yes		
Curvature	1900R		
FEATURES	HDR 10	Yes	
	HDR Effect	Yes	
	Color Calibrated	Yes	
	Flicker Safe	Yes	
	Picture Mode	Custom, Vivid, HDR Effect, Cinema, FPS, RTS, Reader, Color Weakness	
	Reader Mode	Yes	
	Color Weakness	Yes	
	Super Resolution+	Yes	
	AMD FreeSync™	Yes	
	Black Stabilizer	Yes	
	Dynamic Action Sync	Yes	
	PBP	Yes (2)	
	Smart Energy Saving	Yes	
	SOFTWARE APPLICATION	Dual Controller	Yes
		OnScreen Control / Switch	Yes
INTERFACES	HDMI	Yes (2ea)	
	HDMI Version	2.0	
	HDMI (HDCP Version)	2.2	
	HDMI (V Frequency)	59~60Hz	
	HDMI (FreeSync Supported Frequency)	48~75Hz	
	HDMI (Max)	3440x1440 at 60Hz	
	DisplayPort	Yes (1ea)	
	DP Version	1.4	
	DP (HDCP Version)	2.2	
	DP (V Frequency)	59~60Hz	
	DP (FreeSync Supported Frequency)	48~75Hz	
	DP (Max)	3440 x 1440 at 60Hz	
	USB-C	Yes (1ea)	
	USB-C (DP Version)	1.4	
	USB-C (HDCP Version)	2.2	
	USB-C (V Frequency)	59~60Hz	
	USB-C (Max)	3440x1440 at 60Hz	
	USB-C (DP Alternate Mode)	Yes	
	USB-C (Data Transmission)	Yes	
	USB-C (Power Delivery)	90W	
	USB Downstream Port	Yes (2ea / ver3.0)	
	Headphone Out	Yes	
	Location	Rear	

MODEL	34BP85CN-B	
AUDIO	Speaker	Yes
	Speaker_Output (unit)	7W
	Speaker_Channel	2ch
	Speaker_Direction	Down Firing
	Maxx Audio	Yes
MECHANICAL & POWER	Type	External Power (Adapter)
	AC Input	100-240Vac (50/60Hz)
	DC Output	210W (19.5V / 10.8A)
	Power Consumption (Typ.)	42W
	Power Consumption (Max.)	160W
	Power Consumption (Sleep Mode)	Less than 0.5W
	Power Consumption (DC Off)	Less than 0.3W
	Borderless Design	3-Side Virtually Borderless Design
	Color (Middle Cabinet)	Black Glossy (Middle)
	Color (Back Cover)	Black Texture
	Color (Stand Body)	Black Hair line
	Color (Stand Base)	Black Texture
	Display Position Adjustments	Tilt / Height
	Tilt	-5° to 20°
	Height Range	110mm
	Wall Mountable	100 x 100 mm
	Base Detachable	Yes
	Assembly Step	Three-Step
	OneClick Stand	Yes
	Dimension with Stand Up (W x H x D)	32.0 x 22.5 x 10.2 in / 814.0 x 571.1 x 260 mm
	Dimension with Stand Down (W x H x D)	32.0 x 18.2 x 10.2 in / 814.0 x 461.1 x 260 mm
	Dimension without Stand (W x H x D)	32.0 x 14.1 x 3.5 in / 814.0 x 359.1 x 90.0 mm
	Shipping Dimension (W x H x D)	38.8 x 20.7 x 8.3 in / 986 x 526 x 212 mm
	Weight with Stand	18.1 lbs / 8.2 kg
	Weight without Stand	13.9 lbs / 6.3 kg
	Shipping Weight	26.0 lbs / 11.8 kg
	WARRANTY & OTHER	Warranty
TUV-TYPE		Yes
CB		Yes
UL (cUL)		Yes
FCC-B		Yes
EPEAT (USA)		Yes
ErP		Yes
CE		Yes
ROHS, REACH		Yes
UPC		1 95174 03896 3
ACCESSORIES	Adapter (Color)	Yes (Black)
	Power Cord (Color/Length)	Yes (Black / 1.5m)
	HDMI (Color/Length)	Yes (Black / 1.8m)
	Display Port (Color/Length)	Yes (Black / 1.8m)
	USB Type C (Color/Length)	Yes (Black / 1.8m)
	Calibration Report (Paper)	Yes