

# 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 complements 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
FEATURES	Viewing Angle (CR≥10)	178° (R/L), 178° (U/D)
	Surface Treatment	Anti-Glare
	Curved	Yes
	Curvature	1900R
	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
WARRANTY & OTHER	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	3 Year Limited
	TUV-TYPE	Yes
	CB	Yes
	UL (cUL)	Yes
ACCESSORIES	FCC-B	Yes
	EPEAT (USA)	Yes
	ErP	Yes
	CE	Yes
	ROHS, REACH	Yes
	UPC	1 95174 03896 3
	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