27BP85U-W 27" class Ultra HD IPS Monitor

▶ 27BP85U-W

27" class (27" diagonal)

IPS | UHD 4K 3840 x 2160 | VESA CERTIFIED DisplayHDR 400 | DCI-P3 95% Typical | Color Calibrated | DisplayPort | 2x HDMI | AMD RADEON FreeSync | Black Stabilizer | Dynamic Action Sync

Dual Controller | OnScreen Control | Tilt | Wall Mountable

FEATURES

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

DCI-P3 95% COLOR GAMUT
- This LG IPS display has extraordinary color accuracy, covering 95 percent of the DCI-P3 color spectrum.

HDCP 2.2 COMPATIBLE
- Connect with confidence: This LG 4K monitor is compatible with the latest HDCP 2.2 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. (Note that FreeSync is only available when it is connected to Display Port.)

FLICKER SAFE
- Flicker Safe reduces on-screen flickers, which helps minimize eye strain and eye fatigue. By combining Flicker Safe with the proven picture quality of IPS technology, users can comfortably work throughout the day.

READER MODE
- With a touch of a button, Reader Mode allows the reduction of blue light emissions that can be harmful to the eyes.

SPECIFICATIONS

27" UHD 4K (3840x2160) IPS Display

VESA DisplayHDR™ 400

DCI-P3 95% (Typ.)

400 nit Brightness (Typ.)

USB Type-C™ with 4K AV, Data transferring, Power Delivery (96 W)

HDMI 2.0 x 2 (HDCP 2.2), Display Port 1.4 (HDCP 2.2), USB 3.0 Down x2

5W x 2 Stereo Speakers with MaxxAudio®

Color Calibrated

AMD FreeSync™ Technology

Black Stabilizer

OnScreen Control & Dual Controller software

Reader Mode, Flicker Safe, Color Weakness Mode, Smart Energy Saving

Tilt / Height / Pivot Adjustable Stand

Wall Mount: 100 x 100

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27BP85U-W 27" class Ultra HD IPS Monitor

DISPLAY	MODEL	27BP85U-W
	Diagonal	27"
	Resolution	3840 x 2160 (Ultra HD)
	Panel Type	IPS
	Backlight Technology	LED
	Backlight Type	Edge
	Aspect Ratio	16:9
	Pixel Pitch	0.1554 x 0.1554
	Brightness (Typ.)	400 nits
	Color Gamut (Typ.)	DCI-P3 95% (CIE1976)
	Color Depth	10 bit, 1.07 Billion Colors
	Contrast Ratio (Typ.)	1200:1
	Contrast Ratio with DFC	Mega
	Response Time (G to G)	5 ms
	Viewing Angle (CR≥10)	178° x 178°
	Surface Treatment	Anti-Glare
	Built-in Speaker	5W x 2
SOUND	Maxx Audio	YES
	HDR 10	YES
FEATURES	VESA DisplayHDR™	DisplayHDR™ 400
	HDR Effect	YES
	Wide Color Gamut	YES
	Color Calibrated	YES
	HW Calibration	YES
	Flicker safe	YES
	Reader Mode	YES
	Color Weakness	YES
	Super Resolution+	YES
	AMD FreeSync™	YES
	Black Stabilizer	YES
	Dynamic Action Sync	YES
	Smart Energy Saving	YES
	LG Calibration Studio	YES
	Dual Controller	YES
	OnScreen Control / Switch	YES
CONNECTIVITY	HDMI	YES (x2)
	HDMI Version	2.0
	HDMI (HDCP Version)	2.2
	DisplayPort	YES
	DP Version	1.4
	DP (HDCP Version)	2.2
	USB-C	YES
	USB-C (DP Version)	1.4
	USB-C (HDCP Version)	2.2
	USB-C (Power Delivery)	96 W
	Daisy Chain	NO
	USB Downstream Port	YES (x2) ver 3.0
	Headphone out	YES

POWER	MODEL	27BP85U-W
	Type	External Power(Adapter)
	AC Input	100-240Vac, 50/60Hz
	DC Output	19.5V, 10.8A
	Power Consumption (Typ.)	44 W
	Power Consumption (Max.)	185 W
	Power Consumption (Energy Star)	25.4 W
	Power Consumption (Sleep Mode)	Less than 0.5W
	Power Consumption (DC Off)	Less than 0.3W
MECHANICAL	Borderless Design	3-Side Virtually Borderless Design
	Color (Front Cabinet)	Black & White
	Color (Arcline Stand)	Silver
	Display Position Adjustments	Tilt/Height/Pivot
	Tilt	-5° to +20°
	Height Range	110 mm
	Pivot	Clockwise
	Wall Mountable	100 x 100 mm
	Base Detachable	YES
	OneClick Stand	YES
	Dimensions with Stand Up (W x H x D)	24.2 x 22.4 x 11.5 in 613.5 x 569.3 x 293.3 mm
	Dimensions with Stand Down (W x H x D)	24.2 x 18.1 x 11.5 in 613.5 x 459.3 x 293.3 mm
	Dimension without Stand (W x H x D)	24.2 x 14.3 x 1.8 in 613.5 x 363.5 x 45.4 mm
	Shipping Dimensions (W x H x D)	27.7 x 7.6 x 20.4 in 704 x 193 x 518 mm
	Weight with Stand	13 lbs. / 5.9 kg
	Weight without Stand	9.0 lbs. / 4.1 kg
	Shipping Weight	19.6 lbs. / 8.9 kg
CERTIFICATIONS & STANDARDS	TUV (Regulatory)	YES
	UL / cUL (Regulatory)	YES
	FCC-B (Regulatory)	YES
	CE (Regulatory)	YES
	EPEAT (Environmental)	Yes
	ErP (Environmental)	YES
	EPA 8.0 (Environmental)	YES (ver 8.0)
	ROHS, REACH (Environmental)	YES
WARRANTY & OTHER	Warranty	3 Year Limited
	AC Adapter & Power Cord (Color/Length)	White / 1.5m
	HDMI Cable (Color/Length)	White / 1.8m
	Display Port Cable (Color/Length)	White / 1.8m
	USB Type C Cable (Color/Length)	White / 1.8m
	Calibration Report (Paper)	YES

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