

27BN85U-B 27" class Ultra HD IPS Monitor

▶ 27BN85U-B

27" class (27" diagonal)



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.

SRGB 99% COLOR GAMUT

- This LG IPS display has extraordinary color accuracy, covering 99 of the sRGB 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.

RADEON 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

sRGB 99% (Typ.)

Brightness: 350nits (Typ)

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

HDMI x2 (HDCP 2.2), Display Port 1.4 x1 (HDCP 2.2), USB 3.0 x2 Down

5Wx2 Stereo Speaker with MaxxAudio®

Hardware Calibration Ready (True Color Pro)

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

www.LG.com/us/commercial

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DISPLAY	MODEL	27BN85U-B
	Diagonal	27"
	Resolution	3840 x 2160
	Panel Type	IPS
	Aspect Ratio	16:9
	Pixel Pitch	0.1554 x 0.1554 mm
	Brightness (Typ.)	350 nits
	Color Gamut (Typ.)	sRGB 99% (CIE1931)
	Color Depth (Number of Colors)	1.07B
	Color Bit	10bit (8bit+FRC)
	Contrast Ratio (Typ.)	1000:1
	Response Time (GtG)	5 ms
	Viewing Angle (CR≥10)	178° (R/L), 178° (U/D)
FEATURES	HDR 10	YES
	VESA DisplayHDR™	DisplayHDR™ 400
	HDR Effect	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
	True Color Pro	YES
	Dual Controller	YES
	OnScreen Control (LG Screen Manager)	YES
CONNECTIVITY	HDMI	YES (2ea)
	HDMI Version	2.0
	HDMI (HDCP Version)	2.2
	DisplayPort	YES (1ea)
	DP Version	1.4
	DP (HDCP Version)	2.2
	USB-C	YES (1ea)
	USB-C (DP Version)	1.4
	USB-C (HDCP Version)	2.2
	USB-C (Data Transmission)	YES
	USB-C (Power Delivery)	96W
	Daisy Chain	NO
	USB 3.0 Downstream Port	YES (2ea)
	Headphone out	YES
	[Location]	Rear

SOUND	MODEL	27BN85U-B
	Speaker	YES
	Speaker_Output (unit)	5W x 2
	Maxx Audio	YES
ELECTRICAL	Power Supply Type	External Power (Adapter)
	AC Input	100-240Vac, 50/60Hz
	DC Output	210W (19.5V 10.8A)
	Power Consumption (Typ.)	40W
	Power Consumption (Max.)	175W
	Power Consumption (Energy Star)	25.2W
	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 Texture
	Color (Middle Cabinet)	Black Texture
	Color (Back Cover)	Black Texture
	Color (Stand Body)	Black Texture
	Color (Stand Base)	Black Texture
	Display Position Adjustments	Tilt/Height/Pivot
	Tilt	-5° to +15°
	Height Range	0 to 4.3"
	Pivot	Clockwise
	Wall Mountable	100 x 100 mm
	Base Detachable	YES
	Assembly Step	Three-Step
	OneClick Stand	YES
	Dimensions with Stand Up (W x H x D)	24.1 x 22.3 x 9.1 in 613.1 x 567.3 x 230.0 mm
	Dimensions with Stand Down (W x H x D)	24.1 x 18.0 x 9.1 in 613.1 x 457.3 x 230.0 mm
	Dimensions without Stand (W x H x D)	24.1 x 14.3 x 1.8 in 613.1 x 364.4 x 44.6 mm
	Shipping Dimensions (W x H x D)	27.3 x 8.5 x 19.8 in 694 x 217 x 502 mm
	Weight with Stand	14.1 lbs / 6.4 kg
	Weight without Stand	10.6 lbs / 4.8 kg
	Shipping Weight	20.1 lbs / 9.1 kg
CERTIFICATIONS & STANDARDS	EPA 8.0 (Environmental)	YES
	UL / cUL (Electrical)	YES
	FCC (Regulatory)	YES
	EPEAT (Environmental)	YES
	ErP (Environmental)	YES
	CE (Regulatory)	YES
	ISO 13406-2 (Ergonomics)	YES
WARRANTY & OTHER	Warranty	3 Year Limited
	Power Cord & Adapter	Black / 1.5m
	HDMI Cable	White / 1.5m
	Calibration Report (Paper)	YES

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-  800-897-8726 | IT Sales

LG Electronics U.S.A., Inc.
HE B2B Division
2000 Millbrook Drive
Lincolnshire, IL 60069

Customer Service: 888.865.3026
www.LG.com/us/commercial/display-support

Contact your LG Regional Sales Representative:
Channel: 800.897.8871
Hospitality: 800.228.1236
E-mail: info@LGsolutions.com

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