

27BQ85U-W 27" class Ultra HD Nano IPS Monitor

▶ 27BQ85U-W

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.

DCI-P3 98% COLOR GAMUT

- This LG IPS display has extraordinary color accuracy, covering 98 percent of the DCI-P3 color spectrum.

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.

FLICKER-SAFE

- This feature reduces on-screen flickers, which can make it easier for long-time screen viewing. By combining Flicker-safe with the proven picture quality of Nano 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 cause unnecessary strain to the eyes.

SPECIFICATIONS

27" UHD 4K (3840x2160) Nano IPS Display

VESA DisplayHDR™ 400

DCI-P3 98% (Typ.)

400 nit Brightness (Typ.)

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

HDMI 2.0 x 2 (HDCP 2.3), Display Port 1.4 (HDCP 2.3), USB 3.0 Down x2

5W x 2 Stereo Speakers with MaxxAudio®

Color Calibrated

AMD FreeSync™ Technology

Black Stabilizer

Tilt / Height / Pivot Adjustable Stand

Wall Mount: 100 x 100

www.LG.com/us/commercial

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DISPLAY	MODEL	27BQ85U-W	SOUND	MODEL	27BQ85U-W
	Diagonal	27"		Speaker	5W x 2
	Resolution	3840 x 2160		Maxx Audio	YES
	Panel Type	Nano IPS	ELECTRICAL	Type	External Power Adapter
	Aspect Ratio	16:9		AC Input	100-240V (50/60Hz)
	Pixel Pitch	0.15 x 0.15 mm		DC Output	210W (19.5V, 10.8A)
	Brightness (Min.)	320 nits		Power Consumption (Typ.)	44W
	Brightness (Typ.)	400 nits		Power Consumption (Max.)	157W
	Peak Brightness (Min.)	400 nits		Power Consumption (Sleep Mode)	Less than 0.5W
	Peak Brightness (Typ.)	500 nits		Power Consumption (DC Off)	Less than 0.3W
	Color Gamut (Min.)	DCI-P3 94% (CIE1976)	MECHANICAL	Borderless Design	3-Side Virtually Borderless Design
	Color Gamut (Typ.)	DCI-P3 98% (CIE1976)		Color (Middle Cabinet)	Black Texture
	Color Depth (Number of Colors)	1.07B		Color (Back Cover)	White Texture
	Color Bit	10 bit (8bit+FRC)		Color (Stand Body)	Silver Texture
	Contrast Ratio (Min.)	1400:1		Color (Stand Base)	Silver Texture
	Contrast Ratio (Typ.)	2000:1		Display Position Adjustments	Tilt/Height/Pivot
	Response Time (GtG)	5 ms		Tilt	-5° to 20°
	Viewing Angle (CR ≥10)	178° (R/L), 178° (U/D)		Height Range	110 mm
	Surface Treatment	Anti-Glare		Pivot	Clockwise
FEATURES	HDR 10	YES		Wall Mountable	100 x 100 mm
	VESA DisplayHDR™	DisplayHDR™ 400		Base Detachable	YES
	HDR Effect	YES		OneClick Stand	YES
	Nano IPS™ Technology	YES (Nano IPS Black)		Dimensions with Stand (W x H x D) (in.)	24.2 x 22.4 x 9.4
	Color Calibrated in Factory	YES		Dimensions with Stand (W x H x D) (mm)	613.9 x 569.6 x 239.3
	HW Calibration	YES		Dimensions without Stand (W x H x D) (in.)	24.2 x 14.3 x 1.7
	Flicker-safe	YES		Dimensions without Stand (W x H x D) (mm)	613.9 x 363.5 x 44.3
	Picture Mode	SDR : Custom, P3-D65, sRGB, Calibration, HDR : BT.2100 PQ		Shipping Dimensions (W x H x D) (in.)	27.4 x 19.5 x 8.3
	Super Resolution+	YES		Shipping Dimensions (W x H x D) (mm)	696 x 496 x 212
	Black Stabilizer	Black Stabilizer		Weight with Stand (lbs.)	12.5
	Dynamic Action Sync	YES		Weight with Stand (kg)	5.65
	Auto Input Switch	YES		Weight without Stand (lbs.)	8.5
	Smart Energy Saving	YES		Weight without Stand (kg)	3.85
	OSD Language	17 countries (English, Germanic, French, Spanish, Italian, Swedish, Finnish, Portuguese, Portuguese(brazil), Polish, Russian, Greek, Ukrainian, Chinese, Traditional Chinese, Japanese, Korean)	STANDARDS & CERTIFICATIONS	Shipping Weight (lbs.)	19.2
LG SOFTWARE COMPATIBILITY	LG Calibration Studio	YES		Shipping Weight (kg)	8.7
	Dual Controller	YES		Pallet Stuffing (20ft/40ft/40ft HC)	330/690/759
CONNECTIVITY	OnScreen Control / Switch	YES		EPA 8.0	YES
	HDMI	YES (x2)		TUV-TYPE	YES
	HDMI Version	2.0		UL (cUL)	YES
	HDMI (HDCP Version)	2.3		FCC-B	YES
	HDMI (V Frequency)	50-60Hz		ErP	YES
	HDMI (FreeSync Supported Frequency)	Basic: 48-60Hz Extended: 40-60Hz		Others (Standard)	TUV-Eyesafe, CEC, DisplayPort
	DisplayPort	YES (x1)	ACCESSORIES & OTHER	UPC	1 95174 04804 7
	DP Version	1.4		Assembled In	China
	DP (HDCP Version)	2.3		Adapter (Color)	White
	DP (w/o VRR)	50-60Hz		Power Cord (Color/Length)	White / 1.5m
	DP (w/ VRR)	Basic: 48-60Hz Extended: 40-60Hz		HDMI Cable (Color/Length)	White / 1.5m
	USB-C	YES (x1)		DisplayPort Cable (Color/Length)	White / 2.0m
	USB-C (DP Version)	1.4		USB Type C Cable (Color/Length)	White / 2.0m
	USB-C (HDCP Version)	2.3		USB A to B Cable (Color/Length)	Black / 1.8m
	USB-C (V Frequency)	50-60Hz		Calibration Report (Paper)	YES
	USB-C (Max. Resolution at Hz)	3840x2160@60Hz			
	USB-C (Data Transmission)	YES			
	USB-C (Power Delivery)	90W			
	USB Upstream Port	YES (1x/ver2.0)			
	USB Downstream Port	YES (2x/ver3.0)			
	KVM	YES			
	Headphone out	3-pole (Sound Only)			

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