

# 27BN88U-B UltraFine™ Display Ergo

## ▶ 27BN88U-B

27" class (27" diagonal)



Images on screen are simulated



## Features

### EXCEPTIONAL IMAGE FIDELITY

UHD 4K resolution presents breathtaking clarity and fine detail with four times the resolution of Full HD. In particular, HDR 10 delivers a more dramatic, dynamic visual immersion experience. With a wide color spectrum of DCI-P3 95%, it allows the most detailed, vibrant color to be displayed for most content ranges, and it is also capable of displaying 4K content in native resolution.

### A NEW LEVEL OF FLEXIBLE WORKSTATION

Ergo Stand is the ultimate arm-type monitor stand, ergonomically designed to be user-centric. Unlike conventional arm-type stands, every detail is considered, from human characteristics to monitor head weight and monitor environment. It's fully customizable, regardless of your physical condition or work environment. Easily change the screen position including pivot, height, and tilt, or adjust the distance between the user and monitor. It not only helps you stay healthy but also improves productivity and efficiency. Create your own minimal workplace and ambiance with Ergo Stand.

### EASY SETUP & CONNECTIVITY

USB Type-C™ with its good compatibility with MacBook and iPad Pro allows the simultaneous transfer of 4K screen content and data, as well as the power to charge up to 60W. Set up an organized and uncluttered desk with the HDMI and USB cables located inside of the Ergo Stand so you don't need to struggle with messy cables. Easily install the Ergo Stand with just one click on the display's back cover frame without any installation tools; it supports not only C-Clamp type desk fixtures but also the ability to fit into the cable hole on the desk. These features allow the stand to be installed in various office environments optimized for diverse users.

## Specifications

27" UHD 4K (3840x2160) IPS Display

3-Side Virtually Borderless Design

HDR 10

sRGB 99% (CIE1931)

Color Calibrated / H/W Calibration

USB Type-C™ x1 , Display Port x1, HDMI x2, USB 3.0 2dn, H/P out  
\*USB Type-C™ with Data transferring, Power Delivery (~60W)

Stereo Speaker with MAXXAUDIO® (5Wx2)

AMD FreeSync™, Game Mode, Black Stabilizer, DAS  
(Dynamic Action Sync)

Adjustable Ergo Stand: Extend/Retract (180mm), Swivel (-280° to 280°), Height (130mm), Pivot, Tilt (-25° to 25°)

Wall Mount (100 x 100)

One Click Stand

[www.LG.com/us/commercial](http://www.LG.com/us/commercial)

# 27BN88U-B UltraFine™ Display Ergo

DISPLAY	MODEL	27BN88U-B	ELECTRICAL	MODEL	27BN88U-B	
DISPLAY	Diagonal	27"	ELECTRICAL	Power Supply Type	External Power(Adapter)	
	Resolution	3840 x 2160		AC Input	100-240Vac, 50/60Hz	
	Panel Type	IPS		DC Output	140W (19V, 7.37A)	
	Aspect Ratio	16:9		Typical Power Consumption	40W	
	Pixel Pitch	0.1554 x 0.1554 mm		Max Power Consumption	130W	
	Brightness (Typ.)	350 nits		Energy Star Power Consumption	25.2W	
	Color Gamut (Typ.)	sRGB 99% (CIE1931)		Sleep Mode Power Consumption	Less than 0.5W	
	Color Depth (Number of Colors)	1.07 Billion Colors		DC Off Power Consumption	Less than 0.3W	
	Color Bit	10bit (8bit+FRC)		MECHANICAL	Borderless Design	3-Side Virtually Borderless Design
	Contrast Ratio (Typ.)	1000:1			Color (Front Cabinet)	Black Texture
	Contrast Ratio with DFC	Mega			Color (Middle Cabinet)	Black Texture
	Response Time (GtG)	5ms			Color (Back Cover)	Black Texture
	Viewing Angle (CR≥10)	178°(R/L), 178°(U/D)			Color (Stand Body)	Black Texture
	SOUND	Built-in Speakers			5W	Color (Stand Base)
Speaker_Channel		2ch	Display Position Adjustments		Tilt/Height/Swivel/Pivot/Extend/Retract	
Maxx Audio		YES	Tilt		-25° to 25°	
FEATURES	HDR 10	YES	Swivel		-280° to 280°	
	VESA DisplayHDR™	DisplayHDR™ 400	Height Range		130 mm	
	HDR Effect	YES	Pivot		Counterclockwise	
	Color Calibrated	YES	Extend/Retract		180mm	
	HW Calibration	YES	Wall Mountable		100 x 100 mm	
	Flicker safe	YES	Base Detachable		YES (C-clamp type)	
	Reader Mode	YES	OneClick Stand	YES		
	Color Weakness	YES	Dimensions with Stand Up (W x H x D)	24.1 x 28.6 x 15.8 in 613.1 x 726.0 x 400.2 mm		
	Super Resolution+	YES	Dimensions with Stand Down (W x H x D)	24.1 x 23.5 x 15.8 in 613.1 x 596.0 x 400.2 mm		
	AMD FreeSync™	YES	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		
	Black Stabilizer	YES	Shipping Dimensions (W x H x D)	28.2 x 9.7 x 18.8 in 717 x 247 x 477 mm		
	Dynamic Action Sync	YES	Weight with Stand	17.2 lbs / 7.8 kg		
	Smart Energy Saving	YES	Weight without Stand	8.8 lbs / 4.0 kg		
	LG SOFTWARE	True Color Pro	YES	Shipping Weight	25.4 lbs / 11.5 kg	
Dual Controller		YES	CERTIFICATIONS & STANDARDS	FCC (Regulatory)	YES	
OnScreen Control		YES		CE (Regulatory)	YES	
CONNECTIVITY	HDMI	YES (x2)		UL / cUL (Electrical)	YES	
	HDMI Version	2.0		EPA 8.0 (Environmental)	YES	
	HDMI (HDCP Version)	2.2		EPEAT (Environmental)	YES	
	DisplayPort	YES		ErP (Environmental)	YES	
	DP Version	1.4		ISO13406-2 (Ergonomics)	YES	
	DP (HDCP Version)	2.2		WARRANTY & OTHER	AC Adapter Color	YES
	USB-C	YES			HDMI Cable Color / Length	White / 1.5m
	USB-C (DP Version)	1.4			Display Port Cable Color / Length	White / 1.5m
	USB-C (HDCP Version)	2.2			Calibration Report (Paper)	YES
	USB-C (Data Transmission)	YES				
	USB-C (Power Delivery)	60W				
	USB Downstream Port	YES (x2, ver3.0)				
	Headphone out	YES				

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