27BN88U-B UltraFine™ Display Ergo



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

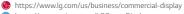
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DISPLAY	MODEL	27BN88U-B
	Diagonal	27"
	Resolution	3840 x 2160
	Panel Type	IPS
	Aspect Ratio	16:9
	Pixel Pitch	0.1554 x 0.1554 mm
	Brightness (Typ.)	350 nits
	Color Gamut (Typ.)	sRGB 99% (CIE1931)
	Color Depth (Number of Colors)	1.07 Billion Colors
	Color Bit	10bit (8bit+FRC)
	Contrast Ratio (Typ.)	1000:1
	Contrast Ratio with DFC	Mega
	Response Time (GtG)	5ms
	Viewing Angle (CR≥10)	178°(R/L), 178°(U/D)
SOUND	Built-in Speakers	5W
	Speaker_Channel	2ch
	Maxx Audio	YES
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
LG SOFTWARE	True Color Pro	YES
	Dual Controller	YES
	OnScreen Control	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 (Data Transsmission)	YES
	USB-C (Power Delivery)	60W
	USB Downstream Port	YES (x2, ver3.0)
	Headphone out	YES

ELECTRICAL	MODEL	27BN88U-B
	Power Supply Type	External Power(Adapter)
	AC Input	100-240Vac, 50/60Hz
	DC Output	140W (19V, 7.37A)
	Typical Power Consumption	40W
	Max Power Consumption	130W
	Energy Star Power Consumption	25.2W
	Sleep Mode Power Consumption	Less than 0.5W
	DC Off Power Consumption	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/Swivel/Pivot/Extend/Retract
	Tilt	-25° to 25°
	Swivel	-280° to 280°
	Height Range	130 mm
	Pivot	Counterclockwise
	Extend/Retract	180mm
	Wall Mountable	100 x 100 mm
	Base Detchable	YES (C-clamp type)
	OneClick Stand	YES
	Dimensions with Stand Up (W x H x D)	24.1 x 28.6 x 15.8 in 613.1 x 726.0x 400.2 mm
	Dimensions with Stand Down $(W \times H \times D)$	24.1 x 23.5 x 15.8 in 613.1 x 596.0x 400.2 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)	28.2 x 9.7 x 18.8 in 717 x 247 x 477 mm
	Weight with Stand	17.2 lbs / 7.8 kg
	Weight without Stand	8.8 lbs / 4.0 kg
	Shipping Weight	25.4 lbs / 11.5 kg
CERTIFICATIONS & STANDARDS	FCC (Regulatory)	YES
	CE (Regulatory)	YES
	UL / cUL (Electrical)	YES
	EPA 8.0 (Environmental)	YES
	EPEAT (Environmental)	YES
	ErP (Environmental)	YES
	ISO13406-2 (Ergonomics)	YES
WARRANTY & OTHER	AC Adapter Color	YES
	HDMI Cable Color / Length	White / 1.5m
	Display Port Cable Color / Length	White / 1.5m
	Calibration Report (Paper)	YES



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