

UHD 4K Monitor

TAA Compliant Multitasking Monitor

▶ **43BN70U**
43" class (42.5" diag.)

Designed for power users that work with various information and data sources simultaneously, the 43BN70U-B is ideal for gamers, office professionals, financial traders and designers.



Images on screen are simulated



Features

VESA DISPLAYHDR™ 600* TECHNOLOGY

The 43BN70U is able to display a broad color spectrum of NTSC 72% (CIE1931) to deliver a more dramatic visual experience that is clear and bright. In images and videos, dark areas are darker and bright areas are brighter.

DESIGNED FOR MULTITASKING

The large 42.5" 4K screen allows users to have multiple windows and applications open at the same time and provides segmentation of the screen into up to 4 distinct sections, giving the appearance and functionality of 4 independent screens. You can watch movies, play games or multi-task on the large screen without compromising the clarity and readability of each window.

4 HDMI INPUTS WITH PICTURE-BY-PICTURE AND PICTURE-IN-PICTURE FUNCTIONALITY

OnScreen Control (version 2.0) Software* allows the large screen to have various layouts. It also offers the optimal split-screen picture-by-picture and picture-in-picture functionalities for maximized viewing options.

READER MODE AND NON-GLARE SCREEN

Reader Mode provides optimal conditions for daily use. LG's Reader Mode technology reduces blue light, protecting users' eyes from fatigue. The non-glare panel adds to the experience by helping to make viewing easy and comfortable.

4K/60HZ SUPPORTED INTERFACE AND USB TYPE-C™ CONNECTIVITY

The 43BN70U-B supports 4K/60Hz connection through HDMI, DisplayPort and USB Type-C (DP Alt Mode) ports. With 4K/60Hz connectivity, users can enjoy seamless gaming graphic outputs that are powered by UHD 4K. The USB Type - C™ (DP Alt Mode) lets you connect to the monitor for mirroring and to USB-Type C mobile phones for Quick Charge. If you connect your laptop with USB Type-C (DP Alt Mode), you can also easily connect your mouse and keyboard to the monitor for usage.

Specifications

Resolution: 3840 x 2160 / 16:9 4K UHD

IPS Technology: 178°(R/L), 178°(U/D)

Brightness: 400 nits (Typical)

Rich Base Speakers: 10W x 2

Multi-Monitor Control

Built-in Power

USB-C: 60W Power Delivery

Tilt Adjustable: -5° to 10°

Smart Energy Saving

TAA Compliant

Color Calibrated

Warranty: 3-Year Parts/Labor/Backlight

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PANEL	MODEL	43BN70U
	Size (Inch)	42.5"
	Resolution	3840 x 2160
	Panel Type	IPS
	Aspect Ratio	16:9
	Pixel Pitch	0.2451mm x 0.2451mm
	Brightness (Typ.)	400 nits
	Color Gamut (Typ.)	NTSC 72% (CIE1931)
	Color Depth (Number of Colors)	1.07B
	Contrast Ratio (Typ.)	1000:1
	Response Time	8ms (GtG at Faster)
	Viewing Angle (CR 10)	178 (R/L), 178 (U/D)
	Surface Treatment	Anti-Glare 3H
SPECIAL FEATURES	HDR 10	YES
	HDR Effect	YES
	Color Calibrated	YES
	Reader Mode	YES
	Color Weakness	YES
	Super Resolution +	YES
	Black Stabilizer	YES
	Dynamic Action Sync	YES
	PBP	YES (2PBP/4PBP)
	Smart Energy Saving	YES
	Dual Controller	YES
	OnScreen Control (LG Screen Manager)	YES
INPUT/OUTPUT	HDMI	YES - Version 1.4 (2ea) Version 2.0 (2ea)
	HDMI (Max. Resolution at Hz)	3840 x 2160@30Hz (HDMI 1.4) / 3840 x 2160@60Hz (HDMI 2.0)
	DisplayPort	YES - Version 1.4 (1ea)
	DP (Max. Resolution at Hz)	3440 x 1440 @60Hz
	USB-C	YES - Version 1.4 (1 ea)
	USB-C (Max. Resolution at Hz)	3840 x 2160 at 60Hz
	USB-C (Power Delivery)	60W
	USB Downstream Port	YES - Version 3.0 (2ea)
	Headphone out	YES
	Speaker	YES - 10W*2Ch
Rich Bass	YES	
ELECTRICAL	Type	Built-in Power
	AC Input	100-240 Vac, 50/60Hz
MECHANICAL	Display Position Adjustments	Tilt
	One-Click Stand	YES
	Wall Mountable	200 x 200 mm
	Dimension with Stand (W x H x D)	32.5" x 22.5" x 9.1" / 825.6 x 570.7 x 230 mm
	Dimension without Stand (W x H x D)	32.5" x 14.6" x 2.0" / 825.6 x 369.8 x 51.2 mm
	Dimension in Shipping (W x H x D)	37.0" x 8.6" x 20.3" / 986 x 218 x 516 mm
	Weight with Stand	16.8 lbs / 7.6 kg
	Weight without Stand	13.0 lbs / 5.9 kg
ACCESSORY	Weight in Shipping	25.4 lbs / 11.5 kg
	Power Cord	Black / 6.6 ft (2.0m)
	Display Port	Black / 6.6 ft (2.0m)
	USB-C	Black / 6.6 ft (2.0m)
	Remote Controller	Black
OTHER	Calibration Report	YES
	Limited Warranty	3 Year Parts and Labor
	UPC	7 19192 632646 6

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