

32BN50U-B Ultra HD Monitor

▶ 32BN50U-B

32" class (31.5" diagonal)



Images on screen are simulated



Features

TARGETED FOR CONTENT CREATION

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.

HDCP 2.2 COMPATIBLE

Experience full immersion with a high-performance monitor that supports the latest generation of game consoles and HDR games. AMD FreeSync™ technology eliminates screen tearing and stuttering, allowing for fast-paced gaming. 5W stereo speakers with MaxxAudio® support realistic sound effects and powerful sound for the complete immersive gaming experience.

AMD 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. *FreeSync is only available when it is connected to Display Port.

BLACK STABILIZER

Keep visibility even in dark scenes. LG's Black Stabilizer senses dark scenes and helps make it brighter so that you can find the enemies hiding and waiting to attack your player in the dark.

Specifications

31.5" UHD 4K (3840x2160) VA Display

HDR 10, DCI-P3 90%

Brightness: 350 nits (Typ.)

Flicker Safe, Reader Mode, Smart Energy Saving

DisplayPort x1, HDMI x2, H/P out

Stereo Speaker with MaxxAudio® (5Wx2)

AMD FreeSync™, Black Stabilizer

Swivel Adjustable Stand: -5° to +15°

Wall Mount (100x100)

One Click Stand

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DISPLAY	MODEL	32BN50U-B	POWER	MODEL	32BN50U-B
	Diagonal	31.5"		Power Supply Type	External Power (Adapter)
	Resolution	3840 x 2160		AC Input	100-240V (50/60Hz)
	Panel Type	VA		DC Output	19V, 3.42A
	Aspect Ratio	16:9		Power Consumption (Typ.)	45W
	Pixel Pitch	0.18159 x 0.18159 mm		Power Consumption (Max.)	55W
	Brightness (Typ.)	350 nits		Power Consumption (Energy Star)	30.75W
	Color Gamut (Typ.)	DCI-P3 90% (CIE1976)		Power Consumption (Sleep Mode)	0.5W
	Color Depth (Number of Colors)	1.07 Billion		Power Consumption (DC Off)	Less than 0.3W
	Color Bit	10bit (8bit+FRC)	MECHANICAL	Borderless Design	3-Side Virtually Borderless Design
	Contrast Ratio (Typ.)	3000:1		Color (Front Cabinet)	Black (Texture)
	Response Time (GtG)	4 ms		Color (Middle Cabinet)	Black (Texture)
	Viewing Angle (CR ≥10)	178° (R/L), 178° (U/D)		Color (Back Cover)	Black (Texture)
SOUND	Speaker	5W x 2		Color (Stand Body)	Silver / Black (Texture)
	Maxx Audio	YES		Color (Stand Base)	Silver / Black (Texture)
FEATURES	HDR 10	YES		Display Position Adjustments	Tilt
	HDR Effect	YES		Tilt	-5° to +15°
	Flicker safe	YES		Wall Mountable	100 x 100 mm
	Reader Mode	YES		Base Detachable	YES
	Color Weakness	YES		OneClick Stand	YES
	Super Resolution+	YES		Dimensions with Stand (W x H x D)	28.1 x 20.2 x 8.2 in 714.3 x 512.3 x 208.8 mm
	AMD FreeSync™	YES		Dimensions without Stand (W x H x D)	28.1 x 16.5 x 1.8 in 714.3 x 420.0 x 45.7 mm
	Black Stabilizer	YES		Shipping Dimensions (W x H x D)	31.7 x 19.7 x 8.0 in 804 x 500 x 202 mm
	Dynamic Action Sync	YES		Weight with Stand	17.2 lbs / 7.8 kg
	Smart Energy Saving	YES		Weight without Stand	15.0 lbs / 6.8 kg
	Dual Controller	YES		Shipping Weight	24.0 lbs / 10.9 kg
	OnScreen Control (LG Screen Manager)	YES	CERTIFICATIONS & STANDARDS	EPA 8.0 (Environmental)	YES
CONNECTIVITY	HDMI	YES (2ea)		UL / cUL (Regulatory)	YES
	HDMI Version	2.0		FCC (Regulatory)	YES
	HDMI (HDCP Version)	2.2		EPEAT (Environmental)	YES
	HDMI (Max. Resolution at Hz)	3840 x 2160 @60Hz		ErP (Environmental)	YES
	DisplayPort	YES (1ea)		CE (Regulatory)	YES
	DP Version	1.4	WARRANTY & OTHER	Warranty	3 Year Limited
	DP (HDCP Version)	2.2		Power Cord with Adapter	Black / 1.5m
	Headphone out	YES		HDMI Cable	Black / 1.8m
				Display Port Cable	Black / 1.8m

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