32BN50U-B Ultra HD Monitor





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 FreeSyncTM 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

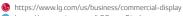
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32BN50U-B Ultra HD Monitor

DISPLAY	MODEL	32BN50U-B
	Diagonal	31.5"
	Resolution	3840 x 2160
	Panel Type	VA
	Aspect Ratio	16:9
	Pixel Pitch	0.18159 x 0.18159 mm
	Brightness (Typ.)	350 nits
	Color Gamut (Typ.)	DCI-P3 90% (CIE1976)
	Color Depth (Number of Colors)	1.07 Billion
	Color Bit	10bit (8bit+FRC)
	Contrast Ratio (Typ.)	3000:1
	Response Time (GtG)	4 ms
	Viewing Angle (CR≥10)	178° (R/L), 178° (U/D)
SOUND	Speaker	5W x 2
	Maxx Audio	YES
FEATURES	HDR 10	YES
	HDR Effect	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
	Dual Controller	YES
	OnScreen Control (LG Screen Manager)	YES
CONNECTIVITY	HDMI	YES (2ea)
	HDMI Version	2.0
	HDMI (HDCP Version)	2.2
	HDMI (Max. Resolution at Hz)	3840 x 2160 @60Hz
	DisplayPort	YES (1ea)
	DP Version	1.4
	DP (HDCP Version)	2.2
	Headphone out	YES

POWER	MODEL	32BN50U-B
	Power Supply Type	External Power (Adapter)
	AC Input	100~240V (50/60Hz)
	DC Output	19V, 3.42A
	Power Consumption (Typ.)	45W
	Power Consumption (Max.)	55W
	Power Consumption (Energy Star)	30.75W
	Power Consumption (Sleep Mode)	0.5W
	Power Consumption (DC Off)	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)	Silver / Black (Texture)
	Color (Stand Base)	Silver / Black (Texture)
	Display Position Adjustments	Tilt
	Tilt	-5° to +15°
	Wall Mountable	100 x 100 mm
	Base Detchable	YES
	OneClick Stand	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
	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
	Shipping Dimensions (W x H x D)	31.7 x 19.7 x 8.0 in 804 x 500 x 202 mm
	Weight with Stand	17.2 lbs / 7.8 kg
	Weight without Stand	15.0 lbs / 6.8 kg
	Shipping Weight	24.0 lbs / 10.9 kg
CERTIFICATIONS & STANDARDS	EPA 8.0 (Environmental)	YES
	UL / cUL (Regulatory)	YES
	FCC (Regulatory)	YES
	EPEAT (Environmental)	YES
	ErP (Environmental)	YES
	CE (Regulatory)	YES
WARRANTY & OTHER	Warranty	3 Year Limited
	Power Cord with Adapter	Black / 1.5m
	HDMI Cable	Black / 1.8m
	Display Port Cable	Black / 1.8m
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https://www.twitter.com/LGCommDisplays

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¹ https://www.facebook.com/LGcommercialdisplays

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