

# UltraFine™ 5K IPS LED Monitor

## ▶ 27MD5KB-B

27" class (27.0" diagonal)



## Features

### 5K DISPLAY WITH THUNDERBOLT™

- The LG UltraFine™ 5K display with Thunderbolt™ 3 port can transmit 5K video and data while simultaneously charging a new MacBook Pro (up to 85W) over a single cable. Plus, three USB-C downstream ports (USB 5 Gbps) let you connect additional devices as needed.<sup>1</sup>

### ULTIMATE VISIBILITY

- The LG UltraFine™ 5K display reaches a brightness of 500cd/m<sup>2</sup> and can express a wide range of color and contrast. You can experience vivid, lifelike images on a 5K screen, which provides a more natural representation.<sup>2</sup>

### CONSISTENT COLOR AND CLARITY

- This 5K high-definition monitor with IPS minimizes color shift and delivers detailed, accurate images on the UltraFine™ 5K screen. Color is consistent from edge to edge.

### CLEAR COMMUNICATION AND ENTERTAINMENT

- The LG UltraFine™ 5K display has an internal webcam and responsive speakers/microphone that are perfectly suited to entertainment and communication, allowing you to watch movies, and video chat.<sup>3</sup>

### EASY DISPLAY CONTROL WITH MACOS

- Detailed control of display settings such as brightness can be done using macOS without the need to use any physical buttons.

### MULTI-FUNCTION SCREEN MANAGER

- The LG Screen Manager has been optimized for macOS to provide a variety of multi-screen options. For example, it can automatically divide the screen into two to four frames, according to users' specific needs.

### CONVENIENT ADJUSTABLE DISPLAY STAND

- LG UltraFine™ 5K displays have convenient height/tilt adjustment. Users can customize the display height to create a more personal, comfortable workstation, or easily wall-mount the display with the use of a VESA mount bracket.<sup>4</sup>

## Specifications

Native Display Resolution 5120 x 2880

High Brightness 500 cd/m<sup>2</sup>

Contrast Ratio 1,200: 1

12MS/14MS Response Time

Vesa™ Compliant Wall Mountable

3-Year Limited Warranty Parts/Labor/Backlight

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PANEL	MODEL	27MD5KB-B
	Size (Inch)	27
	Panel Type	IPS
	Color Gamut (CIE1931)	DCI-P3 99%
	Color Depth (Number of Colors)	10bit
	Pixel Pitch(mm)	0.11685 mm x 0.11685 mm
	Aspect Ratio	16:9
	Resolution	5120x2880
	Brightness	500nits (Typ.), 430nits(Min)
	Contrast Ratio (Original)	1100:1 (Typ)
	(GTG)	14ms
	Viewing Angle	178/178 (CR≥10)
	Surface Treatment (Glare/non Glare)	Anti-Glare 2H
JACK INPUT / OUTPUT	Thunderbolt3	Yes(x1), 5K@60Hz, USB-C
	[ Jack Location ]	Rear
SPEAKER	Type	Stereo Speakers
	Audio output	5Wx2
POWER	Type	200W built-in Power
	Input	100-240Vac, 50/60Hz
	Normal On(Typ.)	140W
	Power Save/Sleep Mode (Max)	1.2W
	DC Off (Max)	0.5W
FREQUENCY	H-Frequency	30-178kHz
	V-Frequency	48-60Hz
RESOLUTION	Thunderbolt3	5120x2880@60Hz
SPECIAL FEATURE	USB_Up	1 upstream (Thunderbolt3)
	USB port	3 downstream (USB-C)
	HDCP	HDCP1.4 / 2.2
	Camera	Yes
	Mic	Yes
	Ambient Light Sensor	Yes
	LG On Screen Control	Yes

COLOR	MODEL	27MD5KB-B
	Front	Black Non glossy spray
	B/Cover	Black Non glossy spray
	Stand	Black Texture
	Base	Black Non glossy spray
STAND	Base Detachable	Yes (One touch release button)
	Tilt(Angle)	Yes (Angle -5~25 degree)
	Height(mm)	Yes (range 0~110mm)
CABINET	Set (with Stand)	24.63" x 18.28" x 9.44"
	Set (without Stand)	24.63" x 14.77" x 2.12"
	Box	29.25" x 22.83" x 12.40"
	Wall Mount	100mm x100mm
	Set (with Stand)	18.74 lbs
	Set (without Stand)	14.11 lbs
	Box	29.76 lbs
CERTIFICATION	UL(cUL)	Yes
	EPEAT	Yes (Gold)
	CB	Yes
	FCC-B, CE	Yes
	CCC, BSMI	Yes
	KC	Yes
	VCCI	Yes
	RCM	Yes
	EPA	EPA 7.0 : Yes
	China CEL	Yes
	ROHS, REACH	Yes
	Thunderbolt3	Yes
ACCESSORIES	Power Cord	Yes (By EU/NA/APJ SKU)
	Thunderbolt3 Cable	Yes (Active Cable, 2.0m)
	Easy Setup Guide	Yes
	Guides on Using Product Functions	Yes
	Vesa Design Cover	Yes
	S/W Install CD	Web Download
OTHER	Warranty	3 Years Parts and Labor
	UPC	7 19192 61533 5

<sup>1</sup>UltraFine 5K display requires a Thunderbolt™ 3 enabled Mac with Mac OS 10.12.1 or later.

<sup>2</sup>The default setting is half of the maximum brightness value, but it can be adjusted.

<sup>3</sup>UltraFine 5K display only supports Thunderbolt™ 3.

<sup>4</sup>VESA mount bracket is sold separately.

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