

# UltraFine™ 5K IPS LED Monitor with Built-In Camera, Mic and Speakers

## ► 27MD5KLB-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 94W) 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 500 nits 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.

### BUILT-IN CAMERA AND MICROPHONE

- LG's UltraFine™ 5K Display delivers a rich media experience with built-in stereo speakers, camera, and microphone. This monitor is a good choice for the business person that communicates online via video or other ways.

### 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 nits

Contrast Ratio 1,100: 1

Built-in Camera and Microphone

Built-in Speakers 5W (2 Ch)

14MS Response Time

Vesa™ Compliant Wall Mountable

3-Year Limited Warranty Parts/Labor/Backlight

# UltraFine™ 5K

## IPS LED Monitor with Built-In Camera, Mic and Speakers

► 27MD5KLB-B

24" class (27.0" diagonal)

PANEL	MODEL	27MD5KLB-B
Diagonal (in)	27"	
Resolution	5120 x 2880	
Panel Type	IPS	
Aspect Ratio	16:9	
Pixel Pitch	0.11685 x 0.11685 mm	
Brightness (Typ.)	500 nits	
Color Gamut (Typ.)	DCI-P3 99% (CIE1976)	
Color Depth (Number of Colors)	1.07B	
Contrast Ratio (Typ.)	1100:1	
Response Time, GtG (ms)	14 (Does Not Support OD)	
Viewing Angle (CR 10)	178 (R/L), 178 (U/D)	
Surface Treatment	Low reflective treatment	
INPUT / OUTPUT		
Thunderbolt	YES (v3.0, 1 up/1 dn)	
Thunderbolt USB-C Compatibility	YES	
Thunderbolt Max. Resolution @ 60 Hz	5120 x 2880	
Thunderbolt Data Transmission	YES	
Thunderbolt Power Delivery (W)	94W	
Daisy Chain	NO	
USB Upstream Port	YES (via Thunderbolt)	
USB Downstream Port	YES (USB-C/3ea/ver3.0)	
Speakers	5W (2Ch)	
Rich Bass	YES	

### NOTES

UltraFine 5K display requires a Thunderbolt™ 3 enabled Mac with Mac OS 10.12.1 or later. The default setting is half of the maximum brightness value, but it can be adjusted. UltraFine 5K display only supports Thunderbolt™ 3. VESA mount bracket is sold separately.

ELECTRICAL	MODEL	27MD5KLB-B
Type	Built-in Power	
AC Input	100-240 Vac, 50/60Hz	
Typical Power Consumption (W)	140	
Max Power Consumption (W)	200	
Energy Star Power Consumption (W)	45.65	
Sleep Mode Power Consumption (W)	Less than 1.0	
Standby Power Consumption (W)	Less than 0.3	
MECHANICAL		
Display Position Adjustments	Tilt / Height	
Wall Mountable	100 x 100 mm	
Dimensions with Stand Up (W x H x D)	24.6" x 22.6" x 9.4" / 625.6 x 574.4 x 239.9 mm	
Dimensions with Stand Down (W x H x D)	24.6" x 18.3" x 9.4" / 625.6 x 464.4 x 239.9 mm	
Dimensions without Stand (W x H x D)	24.6" x 14.8" x 2.1" / 625.6 x 375.1 x 53.8 mm	
Shipping Dimensions (W x H x D)	29.3" x 22.6" x 12.4" / 743 x 573 x 315 mm	
Weight with Stand	18.7 lbs / 8.5 kg	
Weight without Stand	14.1 lbs / 6.4 kg	
Shipping Weight	29.8 lbs / 13.5 kg	
STANDARDS & CERTIFICATIONS		
EPA	YES	
CB	YES	
UL(cUL)	YES	
FCC-B	YES	
ROHS, REACH	YES	
ACCESSORIES & OTHER		
Thunderbolt	Black / 6.5 ft (2.0m)	
USB Type-C	Black / 5 ft (1.5m)	
Wall Mount Cover	YES	
Limited Warranty	3 Year Parts and Labor	
UPC	7 19192 62974 5	

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