UltraFine™ 5K IPS LED Monitor

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.¹

ULTIMATE VISIBILITY
• The LG UltraFine™ 5K display reaches a brightness of 500cd/m² 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.²

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.³

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.

Specifications

- **Native Display Resolution**: 5120 x 2880
- **High Brightness**: 500 cd/m²
- **Contrast Ratio**: 1,200: 1
- **12MS/14MS Response Time**
- **Vesa™ Compliant Wall Mountable**
- **3-Year Limited Warranty** Parts/Labor/Backlight

www.LG.com/us/commercial
# UltraFine™ 5K

## IPS LED Monitor

- **Model:** 27MD5KB-B
- **Size (Inch):** 27
- **Panel Type:** IPS
- **Color Gamut (CIE 1931):** 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)
- **Viewing Angle:** 178/178 (CR ≥ 10)
- **Surface Treatment (Glarer/Non Glare):** Anti-Glare 2H
- **Thunderbolt3 Jack Input/Output:** Yes (x1), 5K@60Hz, USB-C
- **Speaker Type:** Stereo Speakers
- **Audio Output:** 5W x2
- **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
- **H-Frequency:** 30-178kHz
- **V-Frequency:** 48-60Hz
- **Resolution Thunderbolt3:** 5120x2880@60Hz
- **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
- **Front Color:** Black Non-glossy spray
- **B/Cover Color:** Black Non-glossy spray
- **Stand Color:** Black Texture
- **Base Color:** Black Non-glossy spray
- **Base Detachable:** Yes (One touch release button)
- **Tilt (Angle):** Yes (Angle -5-25 degree)
- **Height (mm):** Yes (range 0-110mm)
- **Set (with Stand):** 24.63” x 18.28” x 9.44”
- **Set (without Stand):** 24.63” x 14.77” x 2.12”
- **Box:** 29.76 lbs
- **Wall Mount:** 100mm x100mm
- **Set (with Stand):** 18.74 lbs
- **Set (without Stand):** 14.11 lbs
- **Box:** 29.76 lbs
- **UL(cUL):** Yes
- **FCC-B, CE:** Yes
- **C-Tick:** Yes
- **MIC:** Yes
- **VCCI:** Yes
- **RCM:** Yes
- **DEWA:** Yes
- **China CEL:** Yes
- **ROHS, REACH:** Yes
- **Thunderbolt3:** Yes
- **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
- **Warranty:** 3 Years Parts and Labor
- **UPC:** 719192615335

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

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LG Electronics U.S.A., Inc.
HE B2B Division
2000 Millbrook Drive
Lincolnshire, IL 60069

Customer Service: 888-865-3026
www.LGSolutions.com/support

Contact your LG Regional Sales Representative:
Channel: 800.897.8871
Hospitality: 800.128.1236
E-mail: info@LGsolutions.com

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