



# Planar URL109-MFT

## All-in-One LED Display

The Planar® UltraRes™ L Series URL109-MFT is an all-in-one, 109", Full HD resolution MicroLED display. It features best-in-class on-board processing as well as audio, native multi-point touch and five video inputs to support up to four sources viewed simultaneously. It has a narrow bezel that facilitates 10-point touch for interactive environments such as meeting rooms and classrooms. Planar UltraRes L Series can be quickly assembled with only two people and is conveniently powered from a standard 110V outlet.



SPECIFICATION	DETAIL
Planar Model	URL109-MFT
Planar Part Number	998-3768-00
Display Diagonal	109in
Display Active Area	94.5" x 53.2" (2400mm x 1350mm)
Display Resolution	Full HD (1920 x 1080)
Aspect Ratio	16:9
Pixel Pitch	1.250 mm
Pixel Density	640,000/m <sup>2</sup>   59,458/ft <sup>2</sup>
Contrast Ratio	10,000:1
Brightness	800 nits (max)
Response Time (typ)	<1 ms
Frame Rate	60Hz
Color Gamut	90% of P3
HDR (High Dynamic Range)	HDR10
Color Temperature,	6500 - 12,000; 6500, 9300, 12000 presets

Adjustable (k)	
Viewing Angle (typ)	160°
External Connections	DisplayPort 1.2 in x 1, DisplayPort out, HDMI® 2.0 x 2 (HDCP 2.2), HDMI 1.4 x 2, USB-B (for touch controller)
Display Control	IR, RS-232, LAN, HDMI-CEC, Keypad, Web Browser Interface
Multi-Source Views	PiP, Dual, Triple, Quad
Modes	3840x2160 @ 24/25/30/60Hz, 1920x1080 @ 24/25/30/50/60Hz, 480p, 576p, 720p @ 50/60 Hz, 1080i @ 50/60 Hz
Audio Input	PC Line In
Audio Output	PC Line Out, S/PDIF
Speakers	10W x 2 built-in
Mounting	Wall mount included. External device mounting: 75 x 75mm. Optional rolling floor stand available.
Fanless	Yes
Power Consumption, Maximum (watts)	1300W (standby: <0.5W)
Power Consumption, Typical (watts)	900W (standby: <0.5W)
Line Voltage	120-240V; 50/60Hz
Service Access	Front, Rear
Environment	Indoor
LED Type	MicroLED 4in1
LED Refresh Rate	>3840
LED Lifetime	100K hours Lifetime (Half brightness)
Display Dimensions	95.7" x 57.3 " x 2.5" (2432mm x 1456mm x 64.6mm)
Bezel Width	0.63" (16.0mm) Left, Right and Top; 3.54" (90.0mm) Bottom
Display Edge to Active Area	0.6" (16.0mm) left and right, 0.6" (16.0mm) top, 3.5" (90.0mm) bottom
Installed Depth (from Wall)	3.5" (87.9mm)
Dimensions including Wall Mount	95.7" x 57.3 " x 3.5" (2432mm x 1456mm x 88.1mm)

<b>Dimensions including Optional Stand</b>	95.7" x 81.3" x 30.7" (2432mm x 2066mm x 780mm) or 95.7" x 85.3" x 30.7" (2432mm x 2166mm x 780mm)
<b>Display Weight</b>	99.2kg   218lbs
<b>Display Weight with Wall Mount</b>	110kg   240lbs
<b>Display Weight with Optional Stand</b>	146.7 kg   323lbs
<b>Operating Temperature</b>	0° to 40° C   32° to 104° F
<b>Operating Humidity</b>	10-80%
<b>Storage Temperature</b>	-20° to 85° C   -4° to 185° F
<b>Storage Humidity</b>	10-85%
<b>Touch Technology</b>	IR touch: 10 points
<b>OS Compatibility</b>	Windows 10, 11, Mac OSX and Linux
<b>Enclosure</b>	Metal
<b>Features</b>	MediaPlex Plus Processing, Scheduling, Presets
<b>Solution Includes</b>	URL109-MFT display, US and EU power cords, HDMI cable, USB A to B cable, IR cable, remote control, vacuum removal tool and charger, gloves, spare modules and Quick Start Guide.
<b>Approvals</b>	FCC Class A, cTUVus, CE, RoHS
<b>Recommended Usage</b>	Up to 24x7 operation
<b>Warranty</b>	5 years
<b>Security</b>	No WiFi, no Android O/S, signed and encrypted firmware
<b>UPC</b>	8 10069 81125 3
<b>HDMI®</b>	Planar utilizes HDMI® standards in this product. The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

For more information, please visit [www.planar.com](http://www.planar.com)

*Specifications are subject to change without notice.*

*Specification Report Date: 9/26/2024*

*© Copyright 2024 Planar Systems, Inc. All rights reserved*