



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 using a single 110V cable.



SPECIFICATION	DETAIL
Planar Model	URL109-MFT
Planar Part Number	998-3768-00
Display Diagonal	109in
Display Active Area	94.5" x 53.2" (600mm x 1350mm)
Display Resolution	Full HD (1920 x 1080)
Aspect Ratio	16:9
Pixel Pitch	1.250 mm
Pixel Density	640,000/m ² 59,458/ft ²
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)
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)
Dimensions including Optional Stand	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)

Display Weight	99.2kg 218lbs
Display Weight with Wall Mount	110kg 240lbs
Display Weight with Optional Stand	146.7 kg 323lbs
Operating Temperature	0° to 40° C 32° to 104° F
Operating Humidity	10-80%
Storage Temperature	-20° to 85° C -4° to 185° F
Storage Humidity	10-85%
Touch Technology	IR touch: 10 points
OS Compatibility	Windows 10, 11, Mac OSX and Linux
Enclosure	Metal
Features	MediaPlex Plus Processing, Scheduling, Presets
Solution Includes	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.
Approvals	FCC Class A, cTUVus, CE, RoHS
Recommended Usage	Up to 24x7 operation
Warranty	5 years
Security	No WiFi, no Android O/S, signed and encrypted firmware
UPC	8 10069 81125 3
HDMI®	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

Specifications are subject to change without notice.

Specification Report Date: 5/10/2024

© Copyright 2024 Planar Systems, Inc. All rights reserved