



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 |

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| 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) |

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| 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.

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