The Planar® VM49MX-X is a 49" tiled LCD video wall display with a 1.8mm tiled bezel width and 700-nit brightness for 24x7 digital signage applications. Featuring IPS panel technology, the Planar VM49MX-X has wide viewing angles and local dimming for greater contrast. 4K@60Hz video and RS-232 and IR control loop through simplifies tiling for video walls up to 10x10. With support for landscape or portrait mounting and an integrated OPS slot, the Planar VM49MX-X delivers integration flexibility. To facilitate installation, optional trim pieces and mounts are also available. The Planar VM49MX-X is designed to meet a wide range of applications including retail, hospitality, lobbies, or museums.

The Planar VM49MX-X is an ENERGY STAR® certified video wall display.

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>DETAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
<td>VM49MX-X</td>
</tr>
<tr>
<td>Planar Part Number</td>
<td>998-1153-00</td>
</tr>
<tr>
<td>Viewable Size</td>
<td>49&quot; diagonal</td>
</tr>
<tr>
<td>Display Technology</td>
<td>Commercial-grade IPS LCD</td>
</tr>
<tr>
<td>Backlight</td>
<td>D-LED with Local Dimming</td>
</tr>
<tr>
<td>Brightness (Typical)</td>
<td>700 cd/m²</td>
</tr>
<tr>
<td>Bezel Width</td>
<td>0.9mm even</td>
</tr>
<tr>
<td>Tiled Bezel Width</td>
<td>1.8mm</td>
</tr>
<tr>
<td>Display Resolution</td>
<td>1920 x 1080, full HD</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:9</td>
</tr>
<tr>
<td>Contrast Ratio (typ)</td>
<td>1300:1</td>
</tr>
<tr>
<td>Contrast Ratio - Dynamic</td>
<td>20000:1</td>
</tr>
<tr>
<td>Response Time (typ)</td>
<td>8 ms</td>
</tr>
<tr>
<td>Viewing Angle (typ)</td>
<td>178°</td>
</tr>
<tr>
<td>Palette</td>
<td>1.073B colors (10 bit)</td>
</tr>
<tr>
<td>Color Gamut</td>
<td>72% NTSC</td>
</tr>
<tr>
<td>Pixel Pitch</td>
<td>0.559mm x 0.559mm</td>
</tr>
<tr>
<td>Haze</td>
<td>2.5%</td>
</tr>
</tbody>
</table>
### External Connections
- DisplayPort 1.2 in x 1, DisplayPort out, HDMI 2.0 in x 2 (HDCP 2.2), OPS x 1, OPS USB 2.0 x 2, OPS USB 3.0 x 1, VGA in x 1

### Display Control
- IR, RS232, LAN, Keypad

### Audio Input
- Phone jack

### Audio Output
- Phone jack, S/PDIF

### Display Active Area
- 42.3" x 23.8" (1073.8mm x 604.0mm)

### Display Dimensions
- **w/Handles (W x H x D):** 42.3" x 23.9" x 4.0" (1075.6mm x 605.8mm x 101.9mm)
- **w/o Handles (W x H x D):** 42.3" x 23.9" x 3.6" (1075.6mm x 605.8mm x 91.7mm)

### Mount
- VESA 400mm x 400mm

### Orientation
- Landscape/Portrait

### Display Weight
- 51 lb (23 kg)

### Weight (Shipping)
- 62 lbs (28 kg)

### Features
- OPS slot, on/off scheduling, up to 10x10 video wall scaling, carrying handles

### Speakers
- 10W x 2 built-in

### Enclosure
- Metal

### Fanless
- Yes

### Line Voltage
- 100-240V; 49/61Hz

### Power Consumption (typ)
- 70W

### Operating Temperature
- 0-40°C (32 -104°F)

### Operating Relative Humidity
- 20-85%

### Service and Support/Warranty
- 3-year Advance Exchange

### Recommended Usage
- Up to 24x7 operation

### Product Approvals
- FCC Class A, cTUVus, CE

### ENERGY STAR Certified
- Yes

### In the Box
- VM49MX-X display, 1.8m AC Power Cord (US), 1.8m AC Power Cord (EU), 1.8m DisplayPort cable, Remote control, IR Receiver, IR loop cable, RS-232 cable, RS-232 loop cable, alignment brackets, half alignment brackets, cable clips, Quick Start Guide

### UPC
- 8 10689 00655 8

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

*Specifications are subject to change without notice.*

**Specification Report Date:** 3/1/2020  
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