The Planar® QE9850 is a large format 4K (3840 x 2160) LCD display that is ideal for applications ranging from dynamic digital signage to collaborative meeting spaces. It supports native 4K resolution at up to 60Hz via HDMI 2.0 and DisplayPort 1.2, enabling smooth motion video and mouse tracking. Users can view four sources simultaneously in quad layout and receive remote monitoring alerts via email when a designated event occurs. For precise image control, adjustments can be made within each of the four zones allowing users to optimize the picture quality at the source level. Operating without fans, it provides whisper quiet operation and reduced points of failure.

### SPECIFICATION

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>DETAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
<td>Planar QE9850</td>
</tr>
<tr>
<td>Planar Part Number</td>
<td>997-8799-01</td>
</tr>
<tr>
<td>Display Resolution</td>
<td>Ultra HD (3840 x 2160)</td>
</tr>
<tr>
<td>Screen Size</td>
<td>98 in. (diagonal)</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:9</td>
</tr>
<tr>
<td>Display Active Area</td>
<td>85.0” (2159mm) x 47.8” (1214mm)</td>
</tr>
<tr>
<td>Cabinet Dimensions</td>
<td>86.3” x 49.1” x 3.8” (2192mm x 1247mm x 97mm)</td>
</tr>
<tr>
<td>Bezel Width</td>
<td>0.63” (16.0mm) left/right; 0.62” (15.7mm) top/bottom</td>
</tr>
<tr>
<td>Brightness (typ)</td>
<td>400 nits</td>
</tr>
<tr>
<td>Response Time (typ)</td>
<td>8 ms</td>
</tr>
<tr>
<td>Frame Rate</td>
<td>120Hz</td>
</tr>
<tr>
<td>Contrast Ratio (typ)</td>
<td>1300:1</td>
</tr>
<tr>
<td>Viewing Angle (typ)</td>
<td>178°</td>
</tr>
<tr>
<td>Color Gamut</td>
<td>72% NTSC</td>
</tr>
<tr>
<td>Display Color</td>
<td>&gt;1 billion colors. Full 10 bit data path</td>
</tr>
<tr>
<td>Modes</td>
<td>3840x2160 @ 24/25/30/60Hz; 1920x1080 @ 24/25/30/50/60Hz; 480p, 576p, 720p @ 50/60 Hz; 1080p @ 24/25/30/50/60Hz; 1080i @ 50/60 Hz</td>
</tr>
<tr>
<td>Pixel Pitch</td>
<td>0.562 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>187 lbs (85 kg)</td>
</tr>
<tr>
<td>Backlight</td>
<td>LED</td>
</tr>
<tr>
<td>Specification</td>
<td>Details</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Line Voltage</td>
<td>100-240V; 50/60Hz</td>
</tr>
<tr>
<td>Power Consumption (typ)</td>
<td>410W (standby: &lt;1W)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>0° to +35°C (32° to 95°F) at up to 1500m, 0° to +30°C (32° to 86°F) at up to 3000m</td>
</tr>
<tr>
<td>Humidity</td>
<td>20 - 85% RH (non-condensing)</td>
</tr>
<tr>
<td>Approvals</td>
<td>FCC Class A, CE, cTUVus</td>
</tr>
<tr>
<td>External Connections</td>
<td>DisplayPort 1.2 x 1, HDMI 2.0 x 2 (HDCP 2.2), HDMI 1.4 x 2</td>
</tr>
<tr>
<td>Audio Output</td>
<td>PC Line Out, S/PDIF</td>
</tr>
<tr>
<td>Multi-Source Views</td>
<td>Quad only</td>
</tr>
<tr>
<td>Display Control</td>
<td>IR, RS-232, LAN, Keypad</td>
</tr>
<tr>
<td>Speakers</td>
<td>10W x 2 built-in</td>
</tr>
<tr>
<td>Orientation</td>
<td>Landscape/Portrait</td>
</tr>
<tr>
<td>Mounting</td>
<td>VESA: 600 x 400 mm</td>
</tr>
<tr>
<td>Installed Depth with Optional Wall Mount</td>
<td>7.3&quot; (186mm)</td>
</tr>
<tr>
<td>Fanless</td>
<td>Yes</td>
</tr>
<tr>
<td>HD format</td>
<td>4K UHD 2160p</td>
</tr>
<tr>
<td>Display Technology</td>
<td>Edge-lit LED LCD</td>
</tr>
<tr>
<td>Haze</td>
<td>1%</td>
</tr>
<tr>
<td>Surface Treatment</td>
<td>AG</td>
</tr>
<tr>
<td>Recommended Usage</td>
<td>Up to 24x7 operation</td>
</tr>
<tr>
<td>Warranty</td>
<td>3 years Advance Exchange</td>
</tr>
<tr>
<td>Options / Features</td>
<td>TAA compliant</td>
</tr>
<tr>
<td>In the Box</td>
<td>QE9850 display, power cord, IR sensor, remote control, and USB drive containing User Manual and USB-to-serial driver</td>
</tr>
<tr>
<td>UPC</td>
<td>8 10689 00741 8</td>
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