

Planar QE9850

4K LCD Display

The Planar® QE9850 is an Ultra HD resolution (3840 x 2160) LCD displays that provides an impressive end-to-end solution for designing, distributing and playing back ultra-high resolution content on a single display or multiple displays within a network, dramatically reducing installation cost and complexity. Available with an embedded media player and cutting-edge 4K @ 60Hz support through DisplayPort 1.2 and HDMI 2.0, the Planar QE9850 is ideal for applications ranging from dynamic digital signage to collaborative meeting spaces.



| SPECIFICATION | DETAIL |
|--------------------------------|--|
| Product Name | Planar QE9850 |
| Planar Part Number | 997-8799-00 |
| Display Resolution | Ultra HD (3840 x 2160) |
| Screen Size | 98 in. (diagonal) |
| Aspect Ratio | 16:9 |
| Display Active Area | 85.0" (2159mm) x 47.8" (1214mm) |
| Cabinet Dimensions (W x H x D) | 86.3" x 49.1" x 3.8" (2192mm x 1247mm x 97mm) |
| Bezel Width | 0.63" (16.0mm) left/right; 0.62" (15.7mm) top/bottom |
| Brightness (typ) | 400 nits |
| Response Time (typ) | 8 ms |
| Frame Rate | 120Hz |
| Contrast Ratio (typ) | 1300:1 |
| Contrast Ratio - Dynamic | 20,000:1 |
| Viewing Angle (typ) | 178° |
| Color Gamut | 72% NTSC |
| Display Color | >1 billion colors. Full 10 bit data path |
| Modes | 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 |
| Pixel Pitch | 0.562 mm |
| Weight | 187 lbs (85 kg) |
| Backlight | LED |

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|---|---|
| Line Voltage | 100-240V; 50/60Hz |
| Power Consumption (typ) | 410W (standby: <1W) |
| Operating Temperature | 0° to +35°C (32° to 95°F) at up to 1500m, 0° to +30°C (32° to 86°F) at up to 3000m |
| Humidity | 20 - 85% RH (non-condensing) |
| Approvals | FCC Class A, CE, cTUVus |
| External Connections | DisplayPort 1.2 x 1, HDMI 2.0 x 2 (HDCP 2.2), HDMI 1.4 x 2 |
| Audio Output | PC Line Out, S/PDIF |
| Multi-Source Views | Quad only |
| Display Control | IR, RS-232, LAN, Keypad |
| Speakers | 10W x 2 built-in |
| Orientation | Landscape/Portrait |
| Mounting | VESA: 600 x 400 mm |
| Installed Depth with Optional Wall Mount | 7.3" (186mm) |
| Fanless | Yes |
| HD format | 4K UHD 2160p |
| Display Technology | Edge-lit LED LCD |
| Recommended Usage | Up to 24x7 operation |
| Warranty | 3 years Advance Exchange |
| Options / Features | Embedded Planar ContentSmart Media Player and software (Compatible with only Microsoft® Windows® Vista, 7, 8 and 10), Scheduling, TAA compliant |
| Embedded Media Player: Resolution | UHD 4K (3840x2160) @ 60Hz |
| Embedded Media Player: Local Storage | 16 GB flash memory |
| Embedded Media Player: Connections | Ethernet, USB x2 |
| Embedded Media Player: Software | Planar ContentSmart Digital Signage Software (included). Compatible with only Microsoft® Windows® Vista, 7, 8 and 10. |
| Embedded Media Player: Operating System | Android |
| Embedded Media Player: Supported Video Codec | MPEG-1, MPEG-2, MPEG-4, VC-1, H.264 (AVC), H.265 (HEVC), HTML5, SMIL |
| Embedded Media Player: Supported Image Formats | JPEG, PNG |
| In the Box | QE9850 display, power cord, IR sensor, USB (A to B) cable, remote control, and USB drive containing User Manual and USB-to-serial driver |
| UPC | 8 10689 00392 2 |