

# 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

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

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

*Specifications are subject to change without notice.*

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