



# Planar QE8650-T

## Interactive 4K LCD Display

The Planar® QE8650-T display connects a multi-touch experience with stunning 4K image clarity. Offering an affordable solution for professionals who seek to collaborate or annotate using a large viewing area, Planar QE8650-T delivers the highest image resolution and enterprise-level features in conference rooms or huddle spaces, and is also ideal for public display applications such as way-finding, product catalogs and any interactive digital signage designed to promote customer engagement. The Planar QE8650-T offers 20 points of multi-touch and multi-user technology, making it easy for multiple users to collaborate and interact at the same time.



SPECIFICATION	DETAIL
Product Name	Planar QE8650T
Planar Part Number	997-8798-00
Display Resolution	Ultra HD (3840 x 2160)
Screen Size	86 in. (diagonal)
Aspect Ratio	16:9
Display Active Area	74.6" x 42.0" (1895mm x 1066mm)
Cabinet Dimensions (W x H x D)	77.1" x 44.4" x 3.7" (1957mm x 1128mm x 95mm)
Bezel Width	1.2" (31.0mm) left/right, top/bottom
Brightness (typ)	500 nits
Response Time (typ)	6 ms
Frame Rate	120Hz
Contrast Ratio (typ)	1200:1
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	0.429 mm
Weight	158 lbs (72 kg)

<b>Backlight</b>	LED
<b>Line Voltage</b>	100-240V; 50/60Hz
<b>Power Consumption (typ)</b>	165W (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>	7.2" (184mm)
<b>Fanless</b>	Yes
<b>HD format</b>	4K UHD 2160p
<b>Touch Technology</b>	IR 20 point touch
<b>OS Compatibility</b>	Windows 7, 8, 10, Mac OSX and Linux
<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>	QE8650T display, power cord, IR sensor, USB (A to B) cable, remote control, TouchMark license key and USB drive containing User Manual, touch drivers, and USB-to-serial driver

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

*Specifications are subject to change without notice.*

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