

The Planar® QE8650 is an Ultra HD resolution (3840 x 2160) LCD display 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 QE8650 is ideal for applications ranging from dynamic digital signage to collaborative meeting spaces.



SPECIFICATION	DETAIL
Product Name	Planar QE8650
Planar Part Number	997-8797-00
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)	75.8" x 43.2" x 3.3" (1926mm x 1097mm x 84mm)
Bezel Width	0.61" (15.6mm) left/right; 0.62" (15.7mm) 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	126 lbs (57 kg)
Backlight	LED

Line Voltage	100-240V; 50/60Hz
Power Consumption (typ)	165W (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	6.8" (173mm)
Fanless	Yes
HD format	4K UHD 2160p
Display Technology	Edge-lit LED LCD
Haze	3%
Surface Treatment	AG
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	QE8650 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 00390 8

For more information, please visit www.planar.com

Specifications are subject to change without notice.

Specification Report Date: 5/19/2019

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