



# 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   |
|---------------------------------------|--|
| <b>Product Name</b>                   | Planar QE8650T   |
| <b>Planar Part Number</b>             | 997-8798-00  |
| <b>Display Resolution</b>             | Ultra HD (3840 x 2160)   |
| <b>Screen Size</b>                    | 86 in. (diagonal)  |
| <b>Aspect Ratio</b>                   | 16:9   |
| <b>Display Active Area</b>            | 74.6" x 42.0" (1895mm x 1066mm)  |
| <b>Cabinet Dimensions (W x H x D)</b> | 77.1" x 44.4" x 3.7" (1957mm x 1128mm x 95mm)  |
| <b>Bezel Width</b>                    | 1.2" (31.0mm) left/right, top/bottom   |
| <b>Brightness (typ)</b>               | 500 nits   |
| <b>Response Time (typ)</b>            | 6 ms   |
| <b>Frame Rate</b>                     | 120Hz  |
| <b>Contrast Ratio (typ)</b>           | 1200:1   |
| <b>Contrast Ratio - Dynamic</b>       | 20,000:1   |
| <b>Viewing Angle (typ)</b>            | 178°   |
| <b>Color Gamut</b>                    | 72% NTSC   |
| <b>Display Color</b>                  | >1 billion colors. Full 10 bit data path   |
| <b>Modes</b>                          | 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 |
| <b>Pixel Pitch</b>                    | 0.429 mm   |
| <b>Weight</b>                         | 158 lbs (72 kg)  |

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|---|---|
| <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.planar.com](http://www.planar.com)

*Specifications are subject to change without notice.*

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