



Planar URX85-ERO-T

85" 4K LCD Touch Display

The Planar® UltraRes™ X URX85-ERO-T is a TAA Compliant, 4K, HDR, professional 85" LCD touch display with on-board processing for viewing up to four content sources simultaneously. It offers an OPS slot for additional connectivity, and a redundant power supply. With the optional Planar® Profile™ Mounting System it can achieve ADA compliance. It also features Planar® ERO-LCD™ protection technology for use in high-traffic and public environments. It offers high brightness, superior color performance with exceptional 4K clarity and multi-point touch for applications ranging from interactive meeting spaces to high impact touch-based digital signage.



| SPECIFICATION | DETAIL |
|---------------------|---|
| Product Name | URX85-ERO-T |
| Planar Part Number | 998-3171-00 |
| Protective Glass | ERO optically-bonded glass technology featuring Corning Gorilla Glass, 2mm AG |
| Touch Technology | IR touch: 20 points |
| OS Compatibility | Windows 10, 11, Mac OSX and Linux |
| Display Resolution | Ultra HD (3840 x 2160) |
| Screen Size | 85 in. (diagonal) |
| Aspect Ratio | 16:9 |
| Display Technology | Direct-lit LED LCD |
| Display Active Area | 73.7" x 41.5" (1872.0mm x 1053.0mm) |
| Viewing Angle (typ) | 178° |
| Backlight | LED |
| Backlight life (1/2 | 70,000 hrs (min) |

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| brightness) | |
| Brightness (w/protective glass) | 630 nits |
| Response Time (typ) | 8.5 ms |
| Frame Rate | 60Hz |
| Contrast Ratio (typ) | 4000:1 |
| Contrast Ratio - Dynamic | 20,000:1 |
| Pixel Pitch | 0.4875 mm |
| Color Gamut | 88% NTSC |
| HDR (High Dynamic Range) | HDR10 |
| Display Color | >1 billion colors. Full 10 bit data path |
| External Connections | DisplayPort 1.2 in x 1, DisplayPort out, HDMI® 2.0 x 2 (HDCP 2.2), HDMI 1.4 x 2, OPS x 1, USB-B (for touch controller) |
| Modes | 3840x2160 @ 24/25/30/60Hz, 1920x1080 @ 24/25/30/50/60Hz, 480p, 576p, 720p @ 50/60 Hz, 1080i @ 50/60 Hz |
| Display Control | IR, RS-232, LAN, HDMI-CEC, Keypad, Web Browser Interface |
| Cabinet Dimensions (W x H x D) | 77.0" x 44.7" x 4.1" (1955.6mm x 1136.6mm x 103.8mm) |
| Dimensions including Wall Mount | 77.0" x 44.7" x 4.1" (1955.6mm x 1136.6mm x 105.3mm) |
| Orientation | Landscape/Portrait |
| Bezel Width | 0.7" (18.6mm) |
| Display Edge to Active Area | 1.6" (40.4mm) left/right/top/bottom |
| Weight | 225 lb (102 kg) |
| Audio Input | PC Line In |
| Audio Output | PC Line Out, S/PDIF |
| Speakers | 10W x 2 built-in |
| Enclosure | Metal |
| Mounting | Planar Profile Mounting System or VESA: 600 x 400 mm |

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|--------------------------------|---|
| Fanless | Yes |
| Line Voltage | 100-240V; 50/60Hz |
| Power Consumption (typ) | 270W (standby: <0.5W) |
| Operating Temperature | 0° to +40°C (32° to 104°F) at up to 1500m, 0° to +35°C (32° to 95°F) at up to 3000m |
| Humidity | 20 - 85% RH (non-condensing) |
| Options / Features | MediaPlex Plus Processing, Scheduling, Presets, Redundant power supply |
| Multi-Source Views | PiP, Dual, Triple, Quad |
| Approvals | FCC Class A, CE, cTUVus, RoHS |
| TAA Compliance | Yes |
| Security | No WiFi, no Android O/S, signed and encrypted firmware |
| Warranty | 3 years Advance Exchange |
| Recommended Usage | Up to 24x7 operation |
| In the Box | URX85-ERO-T display, US power cord, HDMI cable, USB (A to B) cable, IR sensor, remote control, lifting straps x2, QuickStart Guide |
| UPC | 8 10069 81040 9 |
| HDMI® | Planar utilizes HDMI® standards in this product. The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. |

For more information, please visit www.planar.com

Specifications are subject to change without notice.

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