



## 1529L 15" LCD Multifunction Touchmonitor

The **Elo 1529L touchmonitor** expands the Elo TouchSystems high profile family of reliable, easily integrated, multifunction touch solutions that meet the requirements of systems integrators, OEMs, and value-added resellers. The rugged 1529L includes several POS options: three-track magnetic stripe reader (MSR), biometric fingerprint reader, and a 2 x 20 vacuum fluorescent rear-facing display.

The 1529L has been "designed for touch" from the ground up, with such features as a spill-resistant sealing, a stable tilt base that is removable or reversible for wall mounting, a VESA mounting option, connectivity incorporated within the monitor, reducing the number of power bricks and communication cables and side controls with lockout for public use.

The Elo 1529L touchmonitor offers a wide range of connectivity, including serial and USB, and a choice of Acoustic Pulse Recognition (APR), AccuTouch five-wire resistive, CarrollTouch infrared, IntelliTouch surface wave, and surface capacitive touch technologies.

### Benefits

- Integrated peripherals in a compact design
- Easy and efficient installation—reduced cables and power bricks
- Choice of reliable Elo touch technologies for exceptional display quality
- Broadest range of input options
- Desktop, wall or VESA mounting

### Applications

- Point of Service
- Point-of-Sale
- Loyalty systems
- Kiosk information systems
- Light industrial
- Gaming/amusement
- Home control
- Internet access points

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# 1529L 15" LCD Multifunction Touchmonitor Specifications



Optional rear-facing vacuum fluorescent display



Optional fingerprint reader (top), and MSR (right), with short stand

## TOUCHMONITOR

|  |   |
|--|---|
| Case/bezel color                           | Dark gray or beige (optional on some configurations)  |
| Base                                       | Short, tall or no stand   |
| Display                                    | Size 15" diagonal   |
| Type                                       | Active matrix TFT LCD   |
| Aspect ratio                               | 4 x 3   |
| Useful screen area                         | Horizontal 11.98" (304 mm); Vertical 8.98" (228 mm)   |
| Monitor dimensions (max. with short stand) | Width 13.99" (355 mm)<br>Height 11.27" (286 mm)<br>Depth 10.44" (265 mm)<br>Dimensions vary with stand position and options selected  |
| Optimal (native) resolution                | 1024 x 768  |
| Other supported resolutions                | 1024 x 768 at 60, 65, 70, 75 Hz; 832 x 624 at 75 Hz; 800 x 600 at 56, 60, 72, 75 Hz; 720 x 400 at 70 Hz; 720 x 350 at 70 Hz; 640 x 480 at 60, 66 (Mac), 72, 75 Hz   |
| Colors                                     | 16.2 million colors, 6 bit with dithering   |
| Brightness                                 | LCD panel: 350 cd/m <sup>2</sup>  |
| LCD panel with touchscreen                 | AccuTouch: 287 cd/m <sup>2</sup> ; APR/IntelliTouch 322 cd/m <sup>2</sup> ; CarrollTouch 322 cd/m <sup>2</sup> ; surface capacitive 294 cd/m <sup>2</sup>   |
| Response time                              | 12 msec (typical)   |
| Viewing angle (from center)                | Horizontal (left/right): 150° total; Vertical (up/down): 75°/50° or 125° total  |
| Contrast ratio                             | 400:1   |
| Power dissipation                          | 20 W max (typical)  |
| Input video format                         | RGB Analog; DVI-D   |
| Input video signal connector               | Mini D-Sub 15-Pin VGA type; DVI-D connector   |
| Input frequency                            | Horizontal 31-60 kHz; Vertical 56-75 Hz   |
| Power supply                               | Type: AC/DC input internal; AC input (line) voltage: 90-265 VAC, 50/60 Hz; DC input: 12V ± 0.75V  |
| Temperature                                | Operating: 0° C to 40° C; Storage: -20° C to 60° C  |
| Humidity                                   | Operating: 20% to 80%; Storage: 5% to 95%; noncondensing  |
| Weight                                     | Actual: 14.44 lb (6.55 kg); Shipping: 21.16 lb (9.6 kg) (approx. with touch, short stand only)  |
| Warranty monitor                           | 3 years   |
| Backlight lamp life                        | Minimum 40,000 hours to half brightness   |
| Agency approvals                           | UL/cUL (*recognized component), FCC-A, TÜV-GS, CE, VCCI, C-Tick   |
| Speakers                                   | Two watt/channel speakers located in display head   |
| On-screen display (OSD)                    | Side-mounted with lockout function for public use   |
| User's controls                            | OSD control menu: power, up, down, menu; OSD controls: contrast, brightness, V-position, H-position, RGB, volume, YUV, phase, clock, OSD H-position, OSD V-position, OSD Time, auto adjust, OSD language (English, French, Dutch, Spanish, Japanese), input select; OSD disable/enable: power, OSD menu |
| Mounting options                           | 75 mm VESA mount; removable base  |
| Other features                             | Energy save mode (less than 2 watts); 2 stage DPMS; VESA DDC Plug & Play; security lock receptacle  |

## OPTIONAL REAR FACING CUSTOMER DISPLAY 20 x 2 VACUUM FLUORESCENT

|              |   |
|--------------|---|
| Type         | Vacuum Fluorescent Display (VFD), 2 rows, 20 characters/row |
| Characters   | 5 x 7 dot-matrix configuration, 9.5 mm height, 6.2 mm width |
| Format/color | ASCII/blue-green  |

## OPTIONAL MAGNETIC STRIPE READER

|                |                                      |
|----------------|--------------------------------------|
| Tracks         | 3                                    |
| Message format | ASCII                                |
| Card speed     | 3 to 50 inch/sec (7.6 to 127 cm/sec) |

## OPTIONAL FINGERPRINT READER

|                          |   |
|--------------------------|---|
| Type                     | Optical                                       |
| Verifying time           | <1 sec  |
| Sensing prism hardness   | 7 Mohs  |
| Resolution               | 356 x 292 pixels                              |
| Image speed              | Capture: 600 ms/frame; Transfer: 500 bytes/ms |
| Image capture error rate | <0.1%   |

To find out more about Elo's extensive range of touch solutions, go to [www.elotouch.com](http://www.elotouch.com), or call the office nearest you.

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