

1529L Desktop

15" LCD Multifunction Touchmonitor

BENEFITS:

- Integrated peripherals in a compact design
- Optional 12.1" consumer touchable rear-facing customer display
- Easy and efficient installation - reduced cables and power bricks
- Choice of reliable Elo touch technologies for exceptional display quality
- Broadest range of input options - works with any stylus
- Desktop, wall or VESA mounting



Elo's 1529L touchmonitor expands the company's high profile family of reliable, easily integrated, multifunction touch solutions that meet the requirements of any systems integrator, OEM, or value-added reseller. The new retail-rugged 1529L includes options for a three-track magnetic stripe reader (MSR), biometric fingerprint reader, and a choice of either a 2 x 20 vacuum fluorescent rear-facing display or the first consumer-touchable 12.1" rear-facing customer display.

The new 1529L has been designed for touch from the ground up, with such features as 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.

Elo's 1529L touchmonitor offers a wide range connectivity, including serial and USB, and a choice of IntelliTouch surface wave, AccuTouch five-wire resistive or CarrollTouch infrared touch technologies.

The 1529L is also available as an all-in-one touchcomputer. See the 1529L Touchcomputer data sheet.

APPLICATIONS:

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

1529L Touchmonitor Specifications

TOUCHMONITOR

Case/Bezel color	Dark gray or beige (optional on some configurations)
Base	Short or tall stand
Display Size	15" diagonal
Type	Active matrix TFT LCD
Aspect ratio	4 x 3
Useful screen area	Horizontal 11.98" (304.1 mm); Vertical 8.98" (228 mm)
Monitor dimensions (max. with short stand)	Width 13.99" (355 mm) Height 11.27" (286 mm) Depth 10.44" (265 mm)
	Dimensions vary with stand position and options selected
Dimensional drawing number	MS500540 (available at www.elotouch.com)
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 ²
LCD panel with touchscreen	AccuTouch: 287 cd/m ² ; IntelliTouch 322 cd/m ² ; CarrollTouch 322 cd/m ²
Response time	25 msec (typical)
Viewing angle (from center)	Horizontal (left/right): ±75° or 150° total; Vertical (up/down): 75°/50° or 125° total
Contrast ratio	400:1
Power dissipation	30 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: 85-265 VAC, 47-63 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; Kensington lock; touchscreen sealed to bezel and LCD

OPTIONAL REAR FACING CUSTOMER DISPLAY 12.1" VGA

Colors	16.2 million colors, 6 bit with dithering
Optimal resolution	800 x 600
Brightness	no touchscreen: 180 cd/m ² typical; with IntelliTouch: 166 cd/m ² typical
Contrast ratio	150:1
Useful screen area	Horizontal 9.69" (246 mm); Vertical 7.26" (184.5 mm)
Input video format	RGB analog
Input video signal connector	Mini D-Sub 15-Pin VGA Type

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%



Optional 12.1" rear-facing customer display, with or without touch



Short stand with 12.1" rear-facing customer display and MSR



Optional rear-facing vacuum fluorescent display



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