

1529L Multifunction 15" LCD Desktop Touchmonitor



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The Elo 1529L touchmonitor expands the company's family of reliable, easily integrated, multifunction touch solutions and is now available with the new breakthrough Elo touch technology, [Acoustic Pulse Recognition](#). The retail-rugged 1529L includes options for a magnetic stripe reader (MSR), biometric fingerprint reader, a 2 x 20 vacuum fluorescent rear-facing customer display (VFD), and a single-line or omni-directional barcode scanner. The 1529L has been designed for touch from the ground up, with such features as spill-resistant sealing, a short or tall stable tilt base that is removable or reversible for wall mounting, connectivity incorporated within the monitor, and a choice of Elo touch technology as well as color. The 1529L is also available as an [all-in-one touchcomputer](#).

Features

- Higher brightness, better contrast, and wider viewing angle than most 15" LCDs
- "Designed for touch" features such as a stable tilt base
- Available with [AccuTouch Five-Wire Resistive Technology](#) (activated with fingernails, gloves, credit cards, or any stylus), [IntelliTouch Surface-Wave Technology](#), [CarrollTouch Infrared Technology](#), [Surface Capacitive Technology](#), or the newest Elo touch technology, [Acoustic Pulse Recognition](#).
- [Optional ergonomic 3 stripe MSR](#) available in two versions: USB with keyboard emulation; and USB with human interface device (HID) class specification 1.1
- Optional 20x2 USB vacuum fluorescent display (VFD) rear-facing customer display
- Optional biometric fingerprint recognition device
- Optional single-line or omni-directional barcode scanner
- USB hub or dual serial/USB interface available on certain configurations
- Choice of gray or beige finish
- Choice of short, tall, or no monitor stand. No stand version also omits the logo.
- Single power supply for all optional devices
- Cables hidden from user's view
- Built-in speakers located in display head
- Multilingual on-screen display (OSD) with extras including speaker volume, treble, bass, and balance
- Mounting holes on base bottom for tabletop security
- Base removable, [VESA mounting](#) option
- Controls on the side rather than the front, plus lockout function for public use
- Sealed touchscreen; CarrollTouch version features a seamless watertight seal due to its unique co-molded construction
- Diagnostic LEDs for touch and video
- Long-lasting product cycle
- Worldwide agency approvals

Specifications

Model	1529L
Availability	Worldwide
Case/bezel color	Dark gray or beige
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) Height (inc. base): 11.27" (286 mm) Depth (inc. base): 10.44" (265 mm)
	Dimensions vary with stand type and position; see drawing for tall stand dimensions
Optimal (native) resolution	1024 x 768

Other supported resolutions	1024 x 768 at 60, 65, 70 or 75 Hz 832 x 624 at 75 Hz 800 x 600 at 56, 60, 72 or 75 Hz 720 x 400 at 70 Hz 720 x 350 at 70 Hz 640 x 480 at 60, 66 Hz (Mac), 72 or 75 Hz
Colors	16.2 million colors, 8 bit with dithering
Brightness	LCD panel: 350 cd/m ² (typical) with AccuTouch: 280 cd/m ² (typical) with APR: 322 cd/m ² (typical) with CarrollTouch: 322 cd/m ² (typical) with IntelliTouch: 322 cd/m ² (typical) with surface capacitive: 298 cd/m ² (typical)
Response time	12 msec (typical)
Viewing angle (typical, from center)	Horizontal (left/right): ±60° or 120° total Vertical (up/down): 40°/60° or 100° total
Contrast ratio	400:1
Power drawn	Monitor: 20 W typical, 25 W max. VFD customer display: 3 W typical, 6 W max. USB fingerprint reader: 0.5 W typical, 1 W max. USB magnetic stripe reader: 0.5 W typical, 1 W max. 2 USB external ports power when loaded: 5 W typical, 7 W max. Single-line barcode scanner: .65 W typical, .775 W max. Omni-directional barcode scanner: 1.35 W typical, 1.525 W max. Total with all possible accessories: 31 W typical, 42.3 W max.
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
Options	<ul style="list-style-type: none"> • USB Customer Display (2x20 VFD) • USB Fingerprint Reader • USB Magnetic Stripe Reader • USB Barcode Scanner (single-line or omni-directional) • Two external USB ports
Power supply	Type: AC/DC input internal power supply, with jack to accept power from optional external brick AC input (line) voltage: 90-265 VAC, 50/60 Hz. DC input (line) voltage: 12.0V ± 0.75V Power: 50 W max.; only AC power cable supplied; 12V power supply optional
Temperature	Operating: 0°C to 40°C Storage: -20°C to 60°C
Humidity	Operating: 20-80% Storage: 5-95% noncondensing
Weight (approx., with touchscreen and short stand)	Actual with stand : 14.44 lb (6.55 kg) Actual without stand : 10.58 lb (4.8 kg) Shipping with stand : 21.16 lb (9.60 kg) Shipping box dimensions
Warranty	Monitor: 3 years Backlight lamp life: typical 40,000 hours to half brightness MTBF: 50,000 hours minimum demonstrated
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)	OSD lockouts for power and user controls
User's controls	OSD control menu: menu, up, down, select, power 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, German, Spanish, Japanese), input select OSD disable/enable: power, OSD menu
Mounting options	75 mm VESA mount Removable base
Other features	Touchscreen sealed to bezel Touchscreen sealed to LCD Energy save mode (less than 2 watts) 2 stage DPMS VESA DDC Plug and Play Security lock receptacle

Peripheral Specifications

Rear-Facing Customer Display (2x20 VFD)

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, pixel addressable

Format/color ASCII/blue-green

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%

Magnetic Stripe Reader

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

Documentation

- Dimensional drawing
 - [MS600155 Rev G](#) (788K PDF)
- User Guide:
 - [English](#) (5.7 MB PDF)
 - [German](#) (2.4 MB PDF)
 - [Spanish](#) (Latin America) (1.4 MB PDF)
- [Agency approval certificates](#) (513K PDF)
- [Product data sheet](#) (115K PDF)
- [WEEE report](#) (705K PDF)
- Look up [RoHS statement of compliance](#) by part number

Support

- [Drivers](#)
- [Platform support](#)
- Technical topics
 - [Dual serial/USB controllers](#)
 - [Long cables](#)
 - MSRs: [switching between operating modes](#); [keyboard mapping instructions](#)

Part Numbers

All monitors have antiglare surface treatment.

[Click here for a pop-up window listing all part numbers](#), where you can sort, search, and filter our entire inventory.

Be sure to allow pop-up windows from www.elotouch.com!

Pricing

For pricing information, please:

- [login to shop online](#) (**U.S. delivery only**)
- contact an [Elo office](#)
- request a [quotation](#)
- contact an [authorized Elo distributor](#) (**resellers/OEMs only**)

Accessories

AC Power Cable: North American and European AC power cables are included. For touchmonitors being shipped to the United Kingdom, add a UK AC power cable at no cost by specifying part number E540272.

Desktop Stands:

- Short, dark gray: Part number E252977, available at additional cost.
- Tall, dark gray: Part number E930466, available at additional cost.
- Short, beige: Part number E819036, available at additional cost.
- Tall, beige: Part number E024520, available at additional cost.

IntelliTouch Stylus Pen: Stylus pen with rubber tip, designed specifically for use with IntelliTouch surface wave touch technology. Part number D82064-000, available at additional cost.



Optional DC Power Supply Brick: The monitor may also be powered with DC voltage. An optional 12V DC power brick, part number E137360, is available at additional cost. AC power cables for power brick are also available at additional cost:

- United States: part number E042259
- Europe: part number E690013
- United Kingdom: part number E235317

Touch/Video/Accessory Cables: All appropriate cables are included and are detachable.

VESA Plate: Part number E295293, available at additional cost.
