1529L Touchcomputer
15" LCD All-in-One Desktop

Elo's 1529L touchcomputer expands the company's high profile family of reliable, easy-to-integrate multifunction touch solutions that meet the requirements of any systems integrator, OEM or value-added reseller. The new "designed for touch" 1529L integrates an all-in-one touchcomputer within the footprint of a 15" LCD touchmonitor. Options for the retail-rugged 1529L touchcomputer include a three-track magnetic stripe reader (MSR) and rear-facing customer display. Operating system options include Microsoft® Windows® XP Embedded, Windows XP Professional, Windows 2000 or Windows CE .Net.

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, cables hidden from user view, and side controls with lockout for public use.

Elo's 1529L touchcomputer offers a wide range of connectivity, including USB and legacy serial ports. Display options include a choice of IntelliTouch surface wave or AccuTouch five-wire resistive touch technologies.

The 1529L is also available without the all-in-one touchcomputer. See the 1529L Multifunction Touchmonitor data sheet.

tyco Electronics

1529L Touchcomputer Specifications

Short stand with optional MSR and rear-facing customer display

Optional rear-facing vacuum fluorescent display

Bottom view, showing connectivity

Tall stand, no options

TOUCHCOMPUTER

Processor	Via Eden 1 GHz CPU or equivalent
Memory (RAM)	512 MB[1]
Memory (video)	16 MB[2]
Storage	CE: 64 MB Compact Flash, XP/XP Embedded/2000: 30 GB HDD[3] (minimum)
USB 1.1 ports	4 external
RS-2332 serial ports	2 external
PCMCIA	One Type 2.1 external slot
Compact flash socket	Yes, internal
Mouse and keyboard port	One PS/2 each
Network adapter	TCP/IP 10/100 Base-T RJ45 port (Ethernet)
Wireless networking	Capable through PCMCIA
Operating system	Windows CE .NET, Windows XP Professional, Windows XP Embedded, or Windows 2000 Local Internet Explorer for Windows-based terminals browser

TOUCHMONITOR

Case/Bezel color	Dark gray
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	Width: 13.99" (355 mm)
(max. with short stand)	Height: 11.27" (286 mm)
	Depth: 10.44" (265 mm)
	Dimensions vary with stand position and options selected
Optimal (native) resolution	1024 x 768 at 60, 70, 75 Hz
Dimensional drawing number	MS500540 (available at www.elotouch.com)
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
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.[4] typical
Power supply	External brick; Input (line) voltage: 100–240 VAC, 50–60 Hz (auto switching)
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: 17.38 lb (7.88 kg); Shipping: 22.66 lb (10.26 kg)
	(approx. with short stand, all options)
Agency approvals	UL, cUL, FCC, CE, TÜV-GS, VCCI, C-Tick
Speakers	Two watt/channel speakers located in display head
User's controls	Side-mounted power and user controls with lockout function for public use
Mounting options	75 mm VESA mount; removable base
Other features	ENERGY STAR; touchscreen sealed to bezel and LCD

OPTIONAL REAR FACING CUSTOMER DISPLAY

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)

[1] Maximum memory varies depending on model and may require replacement of standard memory with optional maximum memory module.

[2] Memory supports both system and video. Accessible system memory may be up to 16 MB less than the amount stated, depending on the video mode.

[3] GB equals one billion bytes when referring to hard disk drive capacity. Accessible capacity may be less.

[4] All performance is typical; power is with no additional loads.

Find out more about Elo's extensive range of touch solutions. Go to www.elotouch.com, or simply call the office nearest you.