

1529L Touchcomputer

15" LCD All-In-One Desktop



Applications

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

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.

Benefits

- Fully integrated all-in-one touchcomputer within the footprint of a standard 15" LCD display
- Silent, fanless design
- Solid-state embedded system or with integrated hard drive
- Integrated peripherals in a compact design
- Choice of reliable Elo touch technologies for exceptional display quality



Short stand with optional MSR and rear-facing customer display



Optional rear-facing vacuum fluorescent display



Bottom view, showing connectivity



Tall stand, no options

1529L Touchcomputer Specifications

TOUCHCOMPUTER

Processor	Via Eden 1 GHz CPU or equivalent
Memory (RAM)	512 MB ¹
Memory (video)	16 MB ²
USB 1.1 ports	4 external
RS-232 serial ports	2 external
PCMCIA	One Type 2.1 external slot
Compact flash socket	One, 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 4.2, Windows XP Professional ³ , Windows XP Embedded ⁴ , or Windows 2000 (not available in Europe)
Storage	CE: 64 MB Compact Flash, XP/2000: 30 GB HDD ⁵ (minimum), XP Embedded ⁴ : Optional 30 GB HDD (minimum) or 1 GB Compact Flash

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 (max. with short stand)	Width: 13.99" (355 mm); Height: 11.27" (286 mm); Depth: 10.44" (265 mm)
Optimal (native) resolution	Dimensions vary with stand position and options selected
Dimensional drawing number	1024 x 768 at 60, 70, 75 Hz
Colors	MS500540 (available at www.elotouch.com)
Brightness	16.2 million colors, 6 bit with dithering
Response time	LCD panel 350 cd/m ²
Viewing angle (from center)	LCD panel with touchscreen AccuTouch: 287 cd/m ² ; IntelliTouch: 322 cd/m ² ; CarrollTouch: 322 cd/m ²
Contrast ratio	25 msec (typical)
Power dissipation	Horizontal (left/right): ±75° or 150° total; Vertical (up/down): 75°/50° or 125° total
Power supply	400:1
Temperature	30W max. typical ⁶
Humidity	External brick; Input (line) voltage: 100–240 VAC, 50–60 Hz (auto switching)
Weight actual	Operating: 0°C to 35°C; Storage –20°C to 60°C
Agency approvals	Operating: 20% to 80%; Storage: 5% to 95% noncondensing
Speakers	17.38 lb (7.88 kg); Shipping: 22.66 lb (10.26 kg) (approx. with short stand, all options)
User's controls	UL, cUL, FCC, CE, TÜV-GS, VCCI, C-Tick
Mounting options	Two watt/channel speakers located in display head
Other features	Side-mounted power and user controls with lockout function for public use
	75 mm VESA mount; removable base
	Energy save mode (less than 2 watts); touchscreen sealed to bezel and LCD; security lock receptacle

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

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 Microsoft Windows XP Professional with restrictive use described in the End User License Agreement.

⁴ Available by special order. Please contact your Elo TouchSystems representative or your Value-Added Reseller for details.

⁵ MG/GB equals one million/billion bytes when referring to storage capacity. Accessible capacity may be less.

⁶ 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.

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