

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



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Elo's 1529L touchcomputer expands the company's high profile family of reliable, easy-to-integrate multifunction touch solutions. The silent, fanless 1529L integrates an all-in-one touchcomputer within the footprint of a 15" LCD monitor. The retail-rugged 1529L has been designed for touch from the ground up, with such features as spill-resistant sealing, a short stable tilt base that is removable or reversible for wall mounting, and a choice of Elo touch technology as well as color. The Microsoft Windows 2000 and XP Professional versions of the 1529L touchcomputer include a hard drive; the Windows XP Embedded versions have solid-state components with no moving parts. Options include a magnetic stripe reader (MSR) and rear-facing customer display. Elo's 1529L touchcomputer offers a wide range of connectivity, including USB and legacy serial ports. Applications for the new all-in-one touchcomputer include loyalty systems, kiosk information systems, POS, casino management, cash systems, and Internet access points such as those for Web surfing and hotel reservations. The 1529L is also available [without the integrated computer](#).

Features

- Space saving, integrated, all-in-one touchcomputer with the footprint of a standard 15" LCD display
- Silent, fanless design
- Available as a solid-state embedded system or with an integrated hard drive
- Choice of Microsoft Windows XP Professional, Microsoft Windows XP Embedded, or Microsoft Windows 2000 (not available in Europe) operating systems
- Functions as desktop or wall-mountable system
- [Optional integrated MSR](#) and/or rear-facing customer display
- Available with [AccuTouch Five-Wire Resistive](#), [CarrollTouch Infrared](#) or [IntelliTouch Surface-Wave](#) touch technology
- "Designed for touch" from the ground-up; stable tilt base; cables hidden from user's view; controls on the side rather than the front, plus lockout function for public use
- Base removable, plus [VESA mounting](#) option
- Connectivity includes two serial, four USB 1.1, Ethernet, PCMCIA, PS/2 mouse, and keyboard ports
- Built-in speakers located in display head
- Worldwide agency approvals

Touchcomputer Specifications

Processor	Via Eden 1 GHz CPU or equivalent
Memory (RAM)	512 MB ¹
Memory (video)	16 MB ²
Operating systems	Microsoft Windows XP Professional ³ Microsoft Windows XP Embedded ⁴ Microsoft Windows 2000 (not available in Europe)

USB 1.1 ports	Four external
RS-232 serial ports	Two 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
Storage	XP/2000: 40 GB HDD ⁵ (minimum) XP Embedded ⁴ : Optional 40 GB HDD (minimum) or 1 GB Compact Flash

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. [Contact Elo](#) or your [Value-Added Reseller](#) for details.

⁵ MB/GB equals one million/billion bytes when referring to hard disk drive capacity. Accessible capacity may be less.

Touchmonitor Specifications

Model	1529L touchcomputer
Series	3000
Availability	Worldwide
Case/bezel color	Dark gray
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
Optimal (native) resolution	1024 x 768 at 60 Hz
Colors	16.2 million colors, 6 bit with dithering
Brightness	LCD panel: 350 cd/m ² with AccuTouch: 287 cd/m ² typical with CarrollTouch: 322 cd/m ² typical with IntelliTouch: 322 cd/m ² typical
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 supply	Type: External brick Input (line) voltage: 100-240 VAC, 50-60 Hz Output voltage/current: 12 V at 5.0 amps max.
Power dissipation	30 W typical ⁶
Temperature	Operating: 0°C to 35°C Storage: -20°C to 60°C
Humidity	Operating: 20%-80% Storage: 5%-95% noncondensing

Weight (approx. with short stand, all options)	Actual: 17.38 lb (7.88 kg) Shipping: 22.66 lb (10.26 kg) Shipping box dimensions
Warranty	Touchcomputer warranty Backlight lamp life: min 40,000 hours to half brightness
Agency approvals	UL/cUL (*recognized component), FCC, TÜV-GS, CE, VCCI, C-Tick
Speakers	Two-watt/channel speakers in display head
User's controls	Side: Power and user controls with lockout function for public use
Mounting options	75 mm VESA mount Removable base
Other features	Energy save mode (less than 2 watts) Touchscreen sealed to bezel and LCD Security lock receptacle

⁶ All performance is typical; power is with no additional loads.

Optional Peripherals

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

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 F](#) (659K PDF)
- User Guide:
 - [English](#) (1.7 MB PDF)
 - [German](#) (2.4 MB PDF)
- [Agency approval certificates](#) (955K PDF)
- [Product data sheet](#) (103K PDF)
- [WEEE report](#) (116K PDF)
- Look up the [RoHS declaration of compliance](#) by part number

Support

- Download [drivers](#)
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- Technical topics
 - [Long cables](#)
 - [Magnetic stripe readers](#)
 - [Control switches](#)

Part Numbers

All monitors have antiglare surface treatment.