



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

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



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.

APPLICATIONS:

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



Electronics



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) Memory (video) 16 MB²

Storage CE: 64 MB Compact Flash, XP/XP Embedded/2000: 30 GB HDD3 (minimum)

USB 1.1 ports 4 external RS-2332 serial ports 2 external

PCMCIA One Type 2.1 external slot

Yes, internal Compact flash socket 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 Active matrix TFT LCD Type

Aspect ratio

Useful screen area Horizontal: 11.98" (304.1 mm); vertical: 8.98" (228 mm)

Width: 13.99" (355 mm) Height: 11.27" (286 mm) Depth: 10.44" (265 mm) Monitor dimensions (max. with short stand)

Dimensions vary with stand position and options selected

1024 x 768 at 60, 70, 75 Hz Optimal (native) resolution

Dimensional drawing number MS500540 (available at www.elotouch.com) 16.2 million colors, 6 bit with dithering Colors

Brightness LCD panel 350 cd/m²

LCD panel with touchscreen AccuTouch: 287 cd/m²; IntelliTouch: 322 cd/m²

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

Temperature

30 W max." typical
External brick; Input (line) voltage: 100–240 VAC, 50–60 Hz (auto switching)
Operating: 0°C to 40°C; Storage –20°C to 60°C
Operating: 20% to 80%; Storage: 5% to 95% noncondensing
Actual: 17.38 lb (7.88 kg); Shipping: 22.66 lb (10.26 kg)
(approx. with short stand, all options)
UL, cUL, FCC, CE, TÜV-GS, VCCI, C-Tick Humidity Weight

Agency approvals

Speakers Two watt/channel speakers located in display head

User's controls Side-mounted power and user controls with lockout function for public use

75 mm VESA mount; removable base Mounting options

ENERGY STAR; touchscreen sealed to bezel and LCD Other features

OPTIONAL REAR FACING CUSTOMER DISPLAY

Vacuum Fluorescent Display (VFD), 2 rows, 20 characters/row Type 5×7 dot-matrix configuration, 9.5 mm height, 6.2 mm width ASCII/blue-green Characters

Format/color

OPTIONAL MAGNETIC STRIPE READER

Tracks ASCII Message format

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.

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