



# Elo TouchSystems 1519LM 15" Desktop Touchmonitor for Medical Healthcare Settings

**The fully featured 1519LM touchmonitor** offers best-in-class optical performance mated to leading touch technologies—IntelliTouch (surface acoustic wave) and AccuTouch (five-wire resistive)—in addition to a combination USB and serial touch controller, DVI, VGA and built-in speakers. The monitor is available in white.

The 1519LM is compliant with multiple safety and electrical certifications including EN 60950-1 and EN 60601-1 for safety and EN 60950-1, EN 55022, EN 55024, and EN 60601-1-2 for EMC. In addition, the 1519LM is RoHS compliant, and includes an enclosure design that is resistant to dripping water, protecting the unit from liquid drops and spills. As a result the 1519LM is an excellent fit for a wide variety of settings, including healthcare.

The Elo 1519LM touchmonitor is an effective solution for System Integrators, Value-Added Resellers and Software Developers to consider integrating into their healthcare applications such as nursing stations, computer-aided therapy, electronic medical record keeping, paperless charting, patient self check-in/registration or point-of-information installations, as well as non-medical applications that benefit from DVI-D input, speakers and a pristine image display.

## Features

- High quality panel wide viewing angles, and high contrast ratio
- Available with AccuTouch (five-wire resistive) or IntelliTouch (surface acoustic wave) touch technologies
- Design is tightly controlled by Elo specifications
- Sealed touchscreen
- Removable base with mounting options including VESA mount
- EN 60950-1 and EN 60601-1 for safety; EN 60950-1, EN 55022, EN 55024 and EN 60601-1-2 for EMC
- RoHS compliant
- 3-year warranty
- Built-in speakers

# 1519LM 15" Desktop Touchmonitor

Enclosure Color	White
Display	Size: 15.6" diagonal; Aspect ratio: 16:9
Useful Screen Area*	Horizontal: 13.4" (344mm); Vertical: 7.6" (194mm)
Maximum Monitor Dimensions	Width: 15.1" (383mm); Height: 10.9" (270mm); Depth: 8.4" (213mm)
Native (optimal) Resolution	1366 x 768
Other Supported Resolutions	720 x 350 at 70Hz; 720 x 400 at 70Hz; 640 x 480 at 60, 72, 75Hz; 800 x 600 at 56, 60, 72, 75Hz; 832 x 624 at 75Hz; 1024 x 768 at 60, 70, 75Hz; 1280 x 800 at 60Hz; 1280 x 960 at 60Hz; 1280 x 1024 at 60, 75Hz; 1360 x 768 at 60Hz; 1366 x 768 at 60Hz; 1440 x 900 at 60Hz; 1600 x 1200 at 60Hz; 1680 x 1050 at 60Hz
Colors	16.7 million
Brightness (typical)	LCD panel: 250 nits; IntelliTouch: 225 nits; AccuTouch: 200 nits
Response Time (typical)	8ms
Viewing Angle (typical)	Horizontal: $\pm 45^\circ$ or 90° total; Vertical: $-20^\circ/+45^\circ$ or 65° total
Contrast Ratio (typical)	500:1
Video	Analog VGA on Female DE-15 connector; Digital DVI on Female DVI-D connector Input Video Horizontal Sync frequency range: 30-83KHz; Input Video Vertical Sync (frame rate) frequency range: 50-75Hz
Power	Input power connector: Coaxial power jack (2mm pin outer diameter, 6.4mm barrel inner diameter); Input power signal specifications: 12VDC $\pm 5\%$ . (Note: This monitor is sold with a medical-grade AC/DC power adapter.) Adapter input connector: IEC 60320 C14; Adapter input voltage range: 100-240VAC, 50/60Hz; Power Consumption (typical): ON (monitor only, no audio): 15.6W; ON (monitor + AC/DC adapter at 230V/50Hz, no audio): 18.4W; SLEEP (monitor + AC/DC adapter at 230V/50Hz, no audio): 1.4W; OFF (monitor + AC/DC adapter at 230V/50Hz, no audio): 1.0W
Audio	Audio input connector: 3.5mm TRS jack; Input signal range: 1Vrms maximum stereo signal (standard PC Line Out); Internal Speakers output: Two 2W speakers; Headphone output: Two 3.5mm TRS jacks, wired in parallel; Headphone output signal (for 1KHz signal): delivers 90mW of power into a single 32-ohm stereo load
Weight	Unpackaged: 11.3lb (5.2kg); Packaged: 16.5lb (7.5kg)
Shipping dimensions	18.7" (47.5cm) x 13.8" (35.0cm) x 8.86" (22.5cm)
Temperature	Operating: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 60°C (-4°F to 122°F)
Humidity (noncondensing)	Operating: 20%-80%; Storage: 10%-90%
MTBF	50,000 hours demonstrated
On-screen display (OSD)	Controls: Menu, Up, Down, Select; Settings: Brightness, Contrast, Phase, Clock, H-Position, VPosition, Auto-Adjust, Maintain Aspect Ratio, Sharpness, Video Source, Color Temperature, OSD Timeout, OSD Language, OSD Rotation, Volume, Mute, Recall Defaults; Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese; Lockouts: OSD, Power
Mounting options*	VESA 4-hole 100mm mounting interface on rear of unit; 4-hole mounting interface on stand baseplate
Agency approvals	North America: USA UL 60601-1 1st edition (medical), Canada CSA C22.2 No. 60601-1 (medical), USA FCC CFR 47 Part 18 Subpart B (medical), USA UL 60950, Canada CSA C22.2 No. 60950-1-03, Mexico NOM, USA FCC, Canada ICES; EMEA: Europe IEC/EN 60601-1:1988+A1+A2 2nd Edition (medical), Europe IEC/EN 60601-1-2:2005, Europe IEC/EN 55011 (medical), Europe IEC/EN 60950-1 including all CB scheme member country deviations, Australia/New Zealand C-tick, Europe CE mark; Asia: Japan VCCI
Warranty	3 years
Optional product coverage	Advance Unit Replacement program (North America only)

\*See dimensional drawings for details

For updated specifications and more information, please visit [www.elotouch.com](http://www.elotouch.com).

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To find out more about our extensive range of Elo touch solutions, go to [www.elotouch.com](http://www.elotouch.com), or call the office nearest you.

## North America

TE Touch Solutions  
301 Constitution Drive  
Menlo Park, CA 94025-1110

## 800-ELO-TOUCH

Tel 1-650-361-4800  
Fax 1-650-361-4722  
customerservice@elotouch.com

## Europe

Tel +32 (0)16 35 21 00  
Fax +32 (0)16 35 21 01  
elosales@elotouch.com

## Asia-Pacific

Tel +81 (45) 478-2161  
Fax +81 (45) 478-2180  
www.tps.co.jp

## Latin America

Tel 786-923-0251  
Fax 305-931-0124  
www.elotouch.com.ar

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