Elo TouchSystems 1919LM 19" Desktop Touchmonitor for Medical Healthcare Settings

The fully featured 1919LM touchmonitor offers best-in-class optical performance mated to leading touch technologies—IntelliTouch (surface acoustic wave), AccuTouch (five-wire resistive) and APR (acoustic pulse recognition)—in addition to a combination USB and serial touch controller, DVI, VGA and built-in speakers. The monitor is available in white, with touch and non-touch enabled versions.

The 1919LM 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 1919LM is RoHS compliant, and includes an enclosure design that is resistant to dripping water with an IPX1 rating, protecting the unit from liquid drops and spills. As a result the 1919LM 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), IntelliTouch (surface acoustic wave) or APR (acoustic pulse recognition) touch technologies, and as non-touch models
- Design is tightly controlled by Elo specifications
- Sealed touchscreen meets IPX1 rating
- 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

1919LM 19″ Desktop Touchmonitor

Enclosure Color	White
Display	Size: 18.5″ diagonal; Aspect ratio: 16:9
Useful Screen Area*	Horizontal: 16.1″ (410mm); Vertical: 9.1″ (230mm)
Maximum Monitor Dimensions	Width: 17.9″ (454mm); Height: 12.5″ (317mm); Depth: 9.3″ (236mm)
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: 300 nits; IntelliTouch: 270 nits; AccuTouch: 240 nits; APR: 270 nits
Response Time (typical)	5ms
Viewing Angle (typical)	Horizontal: ±85° or 170° total; Vertical: +160°
Contrast Ratio (typical)	1000:1
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 ±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): 19.4W; ON (monitor + AC/DC adapter at 230V/50Hz, no audio): 21.8W; 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: 15.1lb (6.9kg); Packaged: 21.5lb (9.8kg)
Shipping dimensions	22.4″ (57cm) x 16.3″ (41.5cm) x 8.9″ (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%
Backlight lamp life (typical)	Minimum 50,000 hours to half brightness
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.

To find out more about our extensive range of Elo touch solutions, go to www.elotouch.com, or call the office nearest you.

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