The Elo 2293L 22” open-frame LCD touch display features a slim design and narrow outside dimensions due to the state-of-the-art energy-saving LED backlight, using less electricity to operate and generating less heat. The 2293L instantly grabs and holds the users’ attention for kiosks, casino and amusement, retail self-service, and industrial floor automation.

This compact touch display is “designed for touch” with proven Elo expertise and reliability built in. The 2293L provides stable “drift-free” operation with outstanding image clarity and light transmission—for accurate touch responses and vivid images. The touchscreen is sealed against dirt, dust and liquids, which simplifies integration into the final enclosure. Long-lasting product availability can be expected as the design and tooling is controlled by Elo specifications.

Available with a choice of industry-leading touch technologies, in single-, dual- or multi-touch technology, including IntelliTouch® Plus dual-touch surface acoustic wave (SAW) touchscreen technology, IntelliTouch single-touch SAW, and Elo’s latest projected capacitive (PCAP) 2GS (two glass solution) multi-touch display with zero-bezel, offering both a ten touch “tablet like” interactive experience along with thru-glass functionality - both modes support single or dual latex gloves as well as cloth gloves.

At Elo, we design, build and are responsible for the complete solution with touch integrated from the start. We use our own touchscreens combined with our software and drivers, everything is designed to work together and tested as part of our life testing processes.

Worldwide agency approvals cover the whole display, which is developed, built, serviced and supported by a true single source supplier. The 2293L open-frame LCD touch display provides an economical solution for system integrators and VARs.

- Sensitive touch performance with “Built for Touch” reliability
- Commercial durability
- 3 year standard warranty

### Benefits

- Choice of Elo touch technologies:
  - **Standard bezel**: IntelliTouch SAW and IntelliTouch Plus SAW
  - **Zero-bezel**: Projected capacitive
- PCAP 2GS (two glass solution) offers pristine optical clarity and touch durability
- High definition LCD display offers ultimate HD interactivity, clarity and resolution
- LED backlighting allows for state-of-the-art slim design while reducing power consumption
- 10 touch projected capacitive (PCAP) with Thru-glass capabilities that passes UL-60950 & IK-07 Impact testing
- Display Port and VGA video interfaces

### Application

- Casino and amusement games
- Retail self-service
- Kiosks
- Industrial Automation

### About Elo

Elo founders pioneered the touchscreen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touch displays, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.
## 2293L 22-Inch Open-Frame Touch Display

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>2293L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Black</td>
</tr>
<tr>
<td>Active Display Area</td>
<td>476.6 x 268.1 mm / 18.76 x 10.55 inches</td>
</tr>
<tr>
<td>Diagonal</td>
<td>21.5&quot;</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:9</td>
</tr>
<tr>
<td>Dimensions</td>
<td><strong>Bezel:</strong> 511.8 x 298.2 x 42 mm / 20.12 x 11.74 x 1.65 inches; <strong>Zero-Bezel:</strong> 516 x 311 x 37.9 mm / 20.31 x 12.24 x 1.49 inches</td>
</tr>
<tr>
<td>Native Resolution</td>
<td>1920 x 1080 at 50, 60 Hz</td>
</tr>
<tr>
<td>Other Supported Resolutions</td>
<td>640 x 480 60Hz; 720 x 400 70Hz; 800 x 600 60Hz; 800 x 600 56, 60Hz; 1024 x 768 60Hz; 1280 x 800 60Hz; 1280 x 1024 60Hz; 1366 x 768 60Hz; 120Hz RB: 1440 x 900 60Hz; 60Hz RB</td>
</tr>
<tr>
<td>Colors</td>
<td>16.7 million</td>
</tr>
<tr>
<td>Brightness (typical)</td>
<td>LCD Panel: 250 nits; with IntelliTouch: 225 nits; with IntelliTouch Plus: 225 nits; with Projected Capacitive (PCAP): 225 nits</td>
</tr>
<tr>
<td>Response (typical)</td>
<td>5ms</td>
</tr>
<tr>
<td>Viewing Angle</td>
<td>Horizontal: 85°/170°; Vertical: 80°/160°</td>
</tr>
<tr>
<td>Contrast Ratio</td>
<td>1000:1</td>
</tr>
</tbody>
</table>

**On-Screen Display**

Accessible through switches on the unit’s tethered OSD Control box.

**Controls:** Menu, Up, Down, Select, Power

**Settings:** Brightness, Contrast, Clock, Phase, H-position, V-position, Auto-Adjust, Aspect Ratio, Sharpness, Color Temperature, OSD Timeout, OSD Language, OSD H-Position, OSD V-Position, Recall Defaults, Video Priority, Information, Touch On Sleep Mode, Touch Through

**Languages:** English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese

**Lockouts:** OSD, Power

**Input video format**

Analog VGA and DisplayPort

**Input video signal connector**

Analog VGA on Female DB-15 connector

**Scanning frequency**

Horizontal: 30 - 82 kHz; Vertical: 50 - 75 Hz

**Power Consumption**

ON (monitor + power brick): 18W

SLEEP (monitor + power brick): 1.5W

OFF (monitor + power brick): 0.5W

**Power**

External DC - Optional power brick (sold separately)

Monitor input power connector:

- Coaxial power jack (2.0mm (+0.0 - 0.1mm) pin outer diameter, 6.4mm (+/- 0.3mm) barrel inner diameter, 8.8mm (+/- 0.3mm) barrel depth)

**Monitor input power signal specifications:**

12VDC +/- 5%

**Temperature**

Operating: 0 °C to 40 °C (32 °F to 104 °F); Storage: -20 °C to 60 °C (-4 °F to 140 °F)

**Humidity**

Operating: 20% to 80%; Storage: 10% to 95%

**Weight**

Unpackaged: 11.24 lbs (5.1kg); Packaged: 17.86 lbs (8.1kg)

**Shipping Dimensions**

620 (L) x 423 (W) x 190 (H) mm / 24.41 (L) x 16.65 (W) x 7.48 (H) inches

**Mounting Options**

VEA 4-hole 100mm mounting interface on rear of unit; 2-hole mounting interface on all 4 sides; Front mount with optional bezel kit (IT/AT/ST Models); Rack mount with optional kit (IT/AT Models); Flush mount with included brackets (PCAP Models)

**Warranty**

3 years standard

**MTBF**

50,000 hours demonstrated

**Agency Approvals**

UL, FCC; RCM; cUL; IC; CCC; CE; TUV; VCCI; KCC; CoC; BSiMi; CB; RoHS, China RoHS, WEEE, IMERC

**What’s in the Box**

All displays include: VGA Cable, RJ45 OSD Remote, USB Touch Cable, User Manual CD, and Quick Install Guide; For Zero-Bezel Models: “L” (Side Mount) Bracket w/Screws

## Ordering Information

<table>
<thead>
<tr>
<th>Model</th>
<th>Part Number</th>
<th>Part Description</th>
<th>Technology</th>
<th>Interface</th>
<th>Surface Treatment</th>
<th>Video Interface</th>
<th>Availability</th>
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</thead>
<tbody>
<tr>
<td>2293L</td>
<td>E179647</td>
<td>ET2293L-2UWA-0-MT-ZB-NPB-G</td>
<td>Projected Capacitive</td>
<td>USB</td>
<td>Clear</td>
<td>VGA &amp; DP</td>
<td>Worldwide</td>
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<tr>
<td></td>
<td>E179842</td>
<td>ET2293L-8UWA-0-DT-NPB-G</td>
<td>IntelliTouch</td>
<td>USB</td>
<td>Clear</td>
<td>VGA &amp; DP</td>
<td>Worldwide</td>
</tr>
<tr>
<td></td>
<td>E197833</td>
<td>ET2293L-6CWA-0-ST-NPB-G</td>
<td>IntelliTouch</td>
<td>Dual serial/USB</td>
<td>Clear</td>
<td>VGA &amp; DP</td>
<td>Worldwide</td>
</tr>
</tbody>
</table>

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

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