



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



## 2293L 22-inch Open-Frame Touch Display

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 with Zero-bezel, offering pristine optical clarity and touch durability.

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.



## PRODUCT OVERVIEW

### 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	
Model	2293L
Color	Black
Active Display Area	476.6 x 268.1 mm / 18.8 x 10.6 inches
Diagonal	21.5"
Aspect Ratio	16:9
Dimensions	<b>Bezel:</b> 511.7 x 298.1 x 42 mm max / 20.3 x 11.7 x 1.7 inches; <b>Zero-Bezel:</b> 516 x 311 x 37.9 mm / 20.3 x 12.2 x 1.5 inches
Native Resolution	1920 x 1080 at 50, 60 Hz
Other Supported Resolutions	640x480 60Hz; 720x400 70Hz; 800x500 60Hz; 800x600 56, 60Hz; 1024x768 60Hz; 1280x800 60Hz; 1280x1024 60Hz; 1366x768 60Hz, 60Hz RB; 1440x900 60Hz, 60Hz RB; 1680x1050 60Hz, 60Hz RB
Colors	16.7 million
Brightness (typical)	LCD Panel: 250 nits; with IntelliTouch: 225 nits; with IntelliTouch Plus: 225 nits; with Projected Capacitive (PCAP): 225 nits
Response (typical)	14ms
Viewing Angle	Horizontal: 85°/170°; Vertical: 80°/160°
Contrast Ratio	1000:1
On-Screen Display	<b>Accessible through switches on the unit's tethered OSD Control box.</b> <b>Controls:</b> Menu, Up, Down, Select, Power <b>Settings:</b> 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 <b>Languages:</b> English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese <b>Lockouts:</b> OSD, Power
Input video format	Analog VGA and DisplayPort
Input video signal connector	Analog VGA on Female DE-15 connector DisplayPort V1.1a - Supports later versions of Display Port video input
Scanning frequency	Horizontal: 30 - 82 kHz; Vertical: 50 - 75 Hz
Power	<b>Monitor Input Power Connector:</b> Coaxial power jack (2.1mm pin outer diameter, 5.5mm barrel inner diameter) <b>Monitor Input Power Signal Specifications:</b> 12VDC +/- 5% <b>Power Brick Input Connector:</b> IEC 60320 C14 <b>Power Brick Input voltage range:</b> 100-240VAC, 50/60Hz
Power Consumption	ON (monitor + power brick): 24W SLEEP (monitor + power brick): 1.1W OFF (monitor + power brick): 0.5W
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	VESA 4-hole 100mm mounting interface on rear of unit 2-hole mounting interface on all 4 sides
Warranty	3 years standard
MTBF	50,000 hours demonstrated
Agency Approvals	UL, FCC; RCM; cUL, IC; CCC; CE, TUV; VCCI; KCC; CoC; BSMI; CB; RoHS, China RoHS, WEEE, IMERC
What's in the Box	<b>All displays include:</b> VGA Cable, RJ45 OSD Remote, USB Touch Cable, User Manual CD, and Quick Install Guide; <b>For Zero-Bezel Models:</b> Flush Mount Brackets w/Screws; <b>For Bezeled Models:</b> "L" (Side Mount) Brackets w/Screws

## Ordering Information

Model	Part Number	Part Description	Technology	Interface	Surface Treatment	Video Interface	Availability
2293L	E179647	ET2293L-2UWA-0-MT-ZB-NPB-G	Projected Capacitive	USB	Clear	VGA & DP	Worldwide
	E179842	ET2293L-8UWA-0-DT-NPB-G	IntelliTouch Plus	USB	Clear	VGA & DP	Worldwide
	E197833	ET2293L-8CWA-0-ST-NPB-G	IntelliTouch	Dual serial/USB	Clear	VGA & DP	Worldwide

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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