- "Designed for Touch" with proven Elo expertise and reliability
- Energy-saving LED panel
- 3 year warranty

1991L 19-inch Open-Frame Touch Display

The Elo 1991L 19" 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. Featuring a brilliant wide viewing angle panel, the 1991L 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 1991L 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.

The 1991L is available with a choice of industry-leading touch technologies, in both single touch and multi touch versions. This seamless zero-bezel 19'' multi-touch display is available with our latest projected capacitive (PCAP) 2GS (two glass solution) technology that delivers 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. Standard bezel, single-touch display options include AccuTouch® five-wire resistive, IntelliTouch® SAW or SecureTouch® anti-vandal SAW.

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 1991L open-frame LCD touch display provides an economical solution for system integrators and VARs.

Benefits

- Choice of Elo touch technology:
- **Standard bezel:** IntelliTouch SAW, SecureTouch anti-vandal SAW, and AccuTouch five-wire resistive
- **Zero-bezel:** Projected capacitive
- Viewing angle of 178°(h) x 178° (v), for sharp colors and graphics in both portrait and landscape modes
- Touchscreen sealed against dirt, dust and liquids
- PCAP 2GS (two glass solution) offers pristine optical clarity and touch durability
- 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.

1991L 19-inch Open-Frame Touch Display

Specifications	
Model	1991L
Color	Black
Active Display Area	376.3 x 301 mm / 14.8 x 11.85 inches
Diagonal	19"
Aspect Ratio	5:4
Dimensions	**Bezel:** 414.7 x 342.7 x 50 mm / 16.33 x 13.50 x 1.97 inches; **Zero-Bezel:** 420.1 x 348.1 x 40.7 mm / 16.54 x 13.70 x 1.60 inches
Native Resolution	1280 x 1024 at 60Hz
Other Supported Resolutions	640x480 at 60Hz; 720x400 at 70Hz; 800x500 at 60Hz; 800x600 at 56, 60Hz; 1024x768 at 60Hz; 1280 x 800 at 60Hz
Colors	16.7 million
Brightness (typical)	LCD panel: 250 nits; AccuTouch: 200 nits; SecureTouch: 220 nits; IntelliTouch: 225 nits; PCAP: 225 nits
Response (typical)	14ms
Viewing Angle	Horizontal: 89°/178°; Vertical: 89°/178°
Contrast Ratio	1000:1
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 DisplayPort V1.1a - Supports later versions of Display Port video input
Scanning frequency	Horizontal: 30 - 82 kHz; Vertical: 50 - 75 Hz
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%
Power Consumption	ON (monitor + power brick): 16W SLEEP (monitor + power brick): 1.5W 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: 10.14 lb (4.6 Kg); Packaged: 15.21 lb (6.9 Kg)
Shipping Dimensions	526 (L) x 450 (W) x 190 (H) mm / 20.71 (L) x 17.72 (W)x 7.48 (H) inches
Mounting Options	75 mm VESA mount (PCAP Models); 75 mm and 100mm VESA mount (IT/AT/ST Models); Rear mount (PCAP Models); 2 Hole mounting interface on all four sides; Front mount with optional bezel kit (IT/AT/ST Models); Rack mount with optional kit (IT/AT/ST 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; BSMI; 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:** Flush Mount Brackets w/Screws; **For Beveled Models:** "L" (Side Mount) Brackets w/Screws

Ordering Information

Model	Part Number	Part Description	Technology	Interface	Surface Treatment	Video Interface	Availability
1991L	E178469	ET1991L-2UWA-0-MT-ZB-NPB-G	Projected Capacitive	USB	Clear	VGA & DP	Worldwide
	E197438	ET1991L-8CWA-1-ST-NPB-G	IntelliTouch	Dual serial/USB	Anti-Glare	VGA & DP	Worldwide
	E178862	ET1991L-6CWA-1-ST-NPB-G	SecureTouch	Dual serial/USB	Anti-Glare	VGA & DP	Worldwide
	E179065	ET1991L-7CWA-1-ST-NPB-G	AccuTouch	Dual serial/USB	Anti-Glare	VGA & DP	Worldwide

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

North America
Elo Touch Solutions
1033 McCarthy Boulevard
Milpitas, CA 95035

800-ELO-TOUCH
Tel +1 408 597 8000
Fax +1 408 597 8001
customerservice@elotouch.com

Europe
Tel +32 (0)16 70 45 00
Fax +32 (0)16 70 45 49
elosales@elotouch.com

Asia-Pacific
Tel +86 (21) 3329 1385
Fax +86 (21) 3329 1400
www.elotouch.com.cn

Latin America
Tel +1 786-923-0251
Fax +1 305-931-0124
www.elotouch.com

Elo reserves the right to change or update, without notice, any information contained herein; to change, without notice, the design, construction, materials, processing or specifications of any products; and to discontinue or limit production or distribution of any products. Elo, the Elo logo, AccuTouch, IntelliTouch and SecureTouch are either trademarks or registered trademarks of Elo Touch Solutions, Inc. All other trademarks are the property of their respective owners. © 2016 Elo Touch Solutions, Inc. All rights reserved. 16052AES00035