



# 1590L 15-inch LCD

Open-Frame Touchscreen



Integrated Touch



Commercial Grade



3-Year Warranty

## Product Overview

The Elo 1590L 15-inch open-frame LCD touchscreen 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. This compact display is designed for touch, with proven Elo expertise and reliability built in. The 1590L provides stable, drift-free operation with outstanding image clarity and light transmission for accurate touch responses and vivid images. Instantly grabbing and holding users' attention, the open-frame touchscreen is perfect for kiosks, casino and amusement, retail self-service, and industrial automation environments.

**Choice of Elo touch technologies:**  
Standard bezel: IntelliTouch<sup>®</sup> SAW,  
SecureTouch<sup>®</sup> SAW and AccuTouch<sup>®</sup>  
five-wire resistive  
Zero-bezel: TouchPro<sup>™</sup> PCAP

**Elo's TouchPro PCAP offers:**

- 2GS (two glass solution) with pristine optical clarity and touch durability.
- 10 touch with thru-glass capabilities that passes UL-60950 & IK-07 impact testing

**Video Interfaces: HDMI, VGA & Display Port**

## 1590L 15-inch Open-Frame Touchscreen

Specifications	
Model	1590L
Color	Black
Active Display Area	11.97" x 8.98" / 304.1mm x 228.1mm
Diagonal	15"
Aspect Ratio	4:3
Dimensions	Bezel: 13.24" x 10.41" x 1.65" / 336.4mm x 264.4mm x 41.9mm Zero-Bezel: 14.09" x 11.22" x 1.40" / 358mm x 284.9mm x 35.6mm
Native Resolution	1024 x 768 at 60, 75 Hz
Other Supported Resolutions	640 x 480 at 60 Hz; 720 x 400 at 70 Hz; 800 x 500 at 60 Hz; 800 x 600 at 56, 60Hz
Number of Colors	16.2 million
Number of Touches	Single-touch and 10-touch
Brightness (typical)	LCD Panel: 250 nits; AccuTouch: 200 nits; IntelliTouch: 225 nits; SecureTouch: 220 nits; TouchPro PCAP: 225 nits
Response (typical)	16 msec
Viewing Angle	Horizontal: 80°/160°; Vertical: 70°/140°
Contrast Ratio	700:1
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
Video	HDMI V1.3 Type A receptacle for HDMI input Analog VGA on Female DB-15 connector DisplayPort V1.1a - Supports later versions of Display Port video input  Input Video Horizontal Sync frequency range: 30 - 60KHz Input Video Vertical Sync (frame rate) frequency range: 50-75Hz
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): 12.5W 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: 6.4 lbs / 2.9 kg; Packaged: 10.36 lbs / 4.7 kg
Shipping Dimensions	17.09" x 14.76" x 6.89" / 434mm x 375mm x 175mm
Mounting Options	75mm and 100mm VESA mount; 2-hole mounting interface on all 4 sides; Rear mount (TouchPro PCAP Models); Front mount with optional bezel kit (IntelliTouch/AccuTouch/SecureTouch Models); Rack mount with optional bezel kit (IntelliTouch/AccuTouch/SecureTouch Models); Flush mount with included brackets (TouchPro 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	HDMI Cable, VGA Cable, OSD Remote, Touch USB Cable, User Manual CD and Quick Install Guide; For Zero-Bezel Models: Flush Mount Brackets w/Screws; For Bezeled Models: "L" (Side Mount) Brackets w/Screws, EEI Label, Japan Class-B TM info sheet

## Ordering Information

Model	Part Number	Part Descriptions	Technology	Interface	Surface Treatment	Video Interface	Availability
1590L	E334335	ET1590L-2UWB-0-MT-ZB-NPB-G	TouchPro PCAP	USB	Clear	HDMI, VGA & Display Port	Worldwide
	E326738	ET1590L-8CWB-1-ST-NPB-G	IntelliTouch	Dual serial/USB	Antiglare	HDMI, VGA & Display Port	Worldwide
	E334530	ET1590L-6CWB-1-ST-NPB-G	SecureTouch	Dual serial/USB	Antiglare	HDMI, VGA & Display Port	Worldwide
	E326154	ET1590L-7CWB-1-ST-NPB-G	AccuTouch	Dual serial/USB	Antiglare	HDMI, VGA & Display Port	Worldwide

## Extended Warranty Options

Part Number	Description
758588-000	1 Year Extended Warranty, 7-inch to 22-inch LCD Touchmonitor
930057-000	2 Year Extended Warranty, 7-inch to 22-inch LCD Touchmonitor
E67295-000	Elo advance unit replacement for touchmonitors

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.

### North America

Tel +1 408 597 8000  
Fax +1 408 597 8050  
[elosales.na@elotouch.com](mailto:elosales.na@elotouch.com)

### Europe

Tel +32 (0)16 70 45 00  
Fax +32 (0)16 70 45 49  
[elosales@elotouch.com](mailto:elosales@elotouch.com)

### Asia-Pacific

Tel +86 (21) 3329 1385  
Fax +86 (21) 3329 1400  
[www.elotouch.com.cn](http://www.elotouch.com.cn)

### Latin America

Tel +1 786-923-0251  
Fax +1 305-931-0124  
[elosales.latam@elotouch.com](mailto:elosales.latam@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, SecureTouch and TouchPro are either trademarks or registered trademarks of Elo Touch Solutions, Inc. All other trademarks are the property of their respective owners. © 2017 Elo Touch Solutions, Inc. All rights reserved. 17034AES00030

