



# 1594L

## 15.6-inch LCD

Open-Frame Touchscreen



**Integrated Touch**



**Commercial Grade**



**3-Year Warranty**

## Product Overview

The Elo 1594L 15.6-inch FHD open-frame LCD touchscreen delivers a sleek, compact design with Elo's industry-leading TouchPro PCAP technology seamlessly integrated - providing stable performance, crystal-clear image quality, and optimal light transmission for precise touch interactions. With its captivating display, the Elo 1594L is well suited for integration into self-service and HMI applications in retail stores, restaurants, gaming and casinos, amusement parks, industrial automation and more.

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

**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**

**Compatible with the Elo Backpack - a low-power, solid-state, fan-less computing solution**

## 1594L 15.6-inch Open-Frame Touchscreen

Specifications	
Model	1594L
Color	Black
Active Display Area	13.55" x 7.62" / 344.16 mm x 193.59 mm
Diagonal	15.6"
Aspect Ratio	16:9
Dimensions	15.54" x 9.53" x 1.71" / 394.7mm x 242.0mm x 43.4mm
Native Resolution	1920 x 1080
Other Supported Resolutions	640 x 480 60Hz; 720 x 400 70Hz; 800 x 500 60Hz; 800 x 600 56, 60Hz; 1024 x 768 60Hz; 1280 x 800 60Hz; 1280 x 1024 60Hz; 1440 x 900 60Hz, 60Hz RB; 1680 x 1050 60Hz, 60Hz RB; 1920 x 1080 50 60Hz
Number of Colors	16.7 million
Number of Touches	10-touch
Brightness (typical)	LCD Panel: 350 nits; TouchPro PCAP: 315 nits
Response (typical)	25 msec
Viewing Angle	Horizontal: 89°/178°; Vertical: 89°/178°
Contrast Ratio	800:1
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 - 82KHz 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% Adapter output power connector: DC barrel plug (2.1mm (+/- 0.1mm) pin inner diameter, 5.5mm (+/- 0.05mm) barrel outer diameter, 9.5mm (+/- 0.3mm) barrel length)
Power Consumption	ON (monitor + power brick): 13.23W SLEEP (monitor + power brick): 0.48W OFF (monitor + power brick): 0.22W
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: 6.7 lbs / 3.02 kg; Packaged: 10.2 lbs / 4.62 kg
Shipping Dimensions	18.5" x 13.03" x 6.89" / 470mm x 331mm x 175mm
Mounting Options	75mm VESA mount; 2-hole mounting interface on all 4 sides; Rear mount; Flush mount with included brackets
Warranty	3 years standard
MTBF	50,000 hours demonstrated
Agency Approvals	UL, FCC; RCM; cUL, IC; CCC; CE, TUV; VCCI; KCC; CoC; BSMI; CB; EAC; RoHS, China RoHS, WEEE
Compliance	GLI 15 kV air / 8 kV contact ESD compliant UL62368 ball-drop compliant IK07 impact compliant
What's in the Box	HDMI Cable, VGA Cable, OSD Remote, Touch USB Cable, Quick Install Guide; Flush Mount Brackets w/Screws, EEI Label, Japan Class-B TM info sheet

## Ordering Information

Part Number	Part Description	Technology	Interface	Surface Treatment	Video Interface	Availability
E131375	ET1594L-2UWB-0-MT-ZB-NPB-G	TouchPro PCAP	USB 2.0	Clear	HDMI, VGA & Display Port	Worldwide

## Extended Warranty Options

Part Number	Description
E898247	4 Year Warranty Coverage
E898449	5 Year Warranty Coverage
E898648	3 Year Warranty Coverage + AUR
E894921	4 Year Warranty Coverage + AUR
E895125	5 Year Warranty Coverage + AUR

Learn more about Elo at [EloTouch.com](https://www.elotouch.com).

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