1593L
15.6-inch LCD

Open-Frame Touchscreen

Integrated Touch

Commercial Grade

3-Year Warranty

Product Overview

The Elo 1593L 15.6-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 1593L 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® SAW
Zero-bezel: TouchPro® 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

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Video Interfaces: HDMI, VGA & Display PortUL-60950 & IK-07 impact testing

1593L 15.6-inch Open-Frame Touchscreen

Specifications	
Model	1593L
Color	Black
Active Display Area	13.55" x 7.62" / 344.232mm x 193.536mm
Diagonal	15.6"
Aspect Ratio	16:9
Dimensions	Bezel: 14.83" x 8.7" x 1.82" / 376.8mm x 221.1mm x 46.3mm Zero-Bezel: 15.54" x 9.53" x 1.71" / 394.7mm x 242.0mm x 43.4mm
Native Resolution	1366 x 768 at 60Hz, 60Hz RB
Other Supported Resolutions	640 x 480 at 60Hz; 720 x 400 at 70Hz; 800 x 500 at 60Hz; 800 x 600 at 56, 60Hz; 1024 x 768 at 60Hz; 1280 x 800 at 60Hz; 1280 x 1024 at 60Hz
Number of Colors	16.7 million
Number of Touches	Single-touch and 10-touch
Brightness (typical)	LCD Panel: 300 nits; IntelliTouch: 270 nits; TouchPro PCAP: 270 nits
Response (typical)	10 msec
Viewing Angle	Horizontal: 80°/160°; Vertical: 80°/160°
Contrast Ratio	500:1
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): 13.6W 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: 6.7 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 (TouchPro PCAP Models); Front mount with optional bezel kit (IntelliTouch Models); Rack mount with optional bezel kit (IntelliTouch 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
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 Description	Technology	Interface	Surface Treatment	Video Interface	Availability
1593L	E331799	ET1593L-2UWB-0-MT-ZB-NPB-G	TouchPro PCAP	USB 2.0	Clear	HDMI, VGA & Display Port	Worldwide
	E329636	ET1593L-8CWB-0-ST-NPB-G	IntelliTouch	Dual serial/USB 2.0	Clear	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**, or call the office nearest you.

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