Elo

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® SAW,
SecureTouch® SAW and AccuTouch®
five-wire resistive
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

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: 300 nits; AccuTouch: 240 nits; IntelliTouch: 270 nits; SecureTouch: 264 nits; TouchPro PCAP: 270 nits
Response (typical)	23 msec
Viewing Angle	Horizontal: ±80° or 160° total; Vertical: 70°/80° or 150° total
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% 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): 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
Extended Warranty	4 year warranty coverage - Elo P/N: E898247 5 year warranty coverage - Elo P/N: E898449 3 year warranty coverage + AUR - Elo P/N: E898648 4 year warranty coverage + AUR - Elo P/N: E894921 5 year warranty coverage + AUR - Elo P/N: E895125
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, 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 2.0	Clear	HDMI, VGA & Display Port	Worldwide
	E326738	ET1590L-8CWB-1-ST-NPB-G	IntelliTouch	Dual serial/USB 2.0	Antiglare	HDMI, VGA & Display Port	Worldwide
	E334530	ET1590L-6CWB-1-ST-NPB-G	SecureTouch	Dual serial/USB 2.0	Antiglare	HDMI, VGA & Display Port	Worldwide
	E326154	ET1590L-7CWB-1-ST-NPB-G	AccuTouch	Dual serial/USB 2.0	Antiglare	HDMI, VGA & Display Port	Worldwide

Learn more about Elo at **EloTouch.com**.

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