_NETSelekt.pl

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: IntelliTouch® SAW, SecureTouch® SAW & AccuTouch® Resistive, 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: 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
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	Bezel Models: Single-touch Zero-bezel Models: 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, USB HID mouse (PCAP Bezel only) Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese Lockouts: OSD, Power
I/O	USB TypeB, RJ45 for OSD remote key, VGA, HDMI, DisplayPort, 12V D/C in, Serial port* *Serial port available on bezel models only.
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%
Dimensions	Bezel Models: 13.24" x 10.41" x 1.65" / 336.4mm x 264.4mm x 41.9mm Zero-bezel Models: 14.09" x 11.22" x 1.40" / 358mm x 284.9mm x 35.6mm
Shipping Dimensions	17.09" x 14.76" x 6.89" / 434mm x 375mm x 175mm
Weight	Unpackaged: 6.4 lbs / 2.9 kg; Packaged: 10.36 lbs / 4.7 kg
Mounting Options	75mm and 100mm VESA mount, 2-hole mounting interface on all 4 sides Zero-bezel Models: Rear mount Zero-bezel Models: Flush mount with included brackets Bezel Models: Front mount with optional bezel kit, Rack mount with optional bezel kit
Warranty	3 years standard
Extended Warranty	4 year - E898247; 5 year - E898449; 3 year + AUR - E898648; 4 year + AUR - E894921; 5 year + AUR - E895125
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	TouchPro PCAP - GLI 27 kV air / 8 kV contact ESD compliant, UL 62368 ball-drop compliant, IK07 impact compliant, IP65 front side* SecureTouch - UL 62368 ball-drop compliant, IK07 impact compliant *IP65 front side available on TouchPro PCAP zero bezel models only.
What's in the Box	Open Frame, HDMI Cable, VGA Cable, OSD Remote, Touch USB Cable, Quick Install Guide, EEI Label, Japan Class-B TM info sheet Zero-bezel Models: Flush Mount Brackets w/Screws Bezel Models: "L" (Side Mount) Brackets w/Screws

Ordering Information

Part Number	Technology	Interface	Surface Treatment	Video Interface
E334335	TouchPro PCAP Zero-Bezel	USB 2.0	Clear	HDMI, VGA & Display Port
E295927	TouchPro PCAP Bezel	Dual serial/USB 2.0	Antiglare	HDMI, VGA & Display Port
E326738	IntelliTouch	Dual serial/USB 2.0	Antiglare	HDMI, VGA & Display Port
E334530	SecureTouch	Dual serial/USB 2.0	Antiglare	HDMI, VGA & Display Port
E326154	AccuTouch	Dual serial/USB 2.0	Antiglare	HDMI, VGA & Display Port

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

Americas
Tel +1 408 597 8000
elosales.na@elotouch.com

Europe (EMEA)
Tel +32 (0)16 70 45 00
EMEA.Sales@elotouch.com

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

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. © 2025 Elo Touch Solutions, Inc. All rights reserved. 25071AES00030