ēlo

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**

PCAP 2GS (two glass solution) offers pristine optical clarity and touch durability

10 touch projected capacitive with Thru-glass capabilities that passes UL-60950 & IK-07 impact testing

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; Projected Capacitive (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
Input Video Format	Analog VGA and DisplayPort
Input Video Signal Connector	Analog VGA on Female DB-15 connector DisplayPort V1.1a - Supports later versions of Display Port video input
Scanning Frequency	Horizontal: 30 - 60 kHz; Vertical: 50 - 75 Hz
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): 12W 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: 7.7 lbs (3.4 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 (PCAP Models); Front mount with optional bezel kit (IT/AT/ST Models); Rack mount with optional bezel kit (IT/AT/ST Models); Flush mount with included brackets (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	All displays include: VGA Cable, RJ45 OSD Remote, USB Touch 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

Ordering Information

Model	Part Number	Part Descriptions	Technology	Interface	Surface Treatment	Video Interface	Availability
1590L	E176164	ET1590L-2UWA-0-MT-ZB-NPB-G	Projected Capacitive	USB	Clear	VGA & DP	Worldwide
	E196676	ET1590L-8CWA-1-ST-NPB-G	IntelliTouch	Dual serial/USB	Antiglare	VGA & DP	Worldwide
	E176568	ET1590L-6CWA-1-ST-NPB-G	SecureTouch	Dual serial/USB	Antiglare	VGA & DP	Worldwide
	E176751	ET1590L-7CWA-1-ST-NPB-G	AccuTouch	Dual serial/USB	Antiglare	VGA & DP	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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