



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**

Video Interfaces: HDMI, VGA & Display Port
UL-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, IMERC |
| 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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