

Elo E326942 17-inch Open-Frame Touchscreen LCD



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[Home](#) » [elo](#) » Elo E326942 17-inch Open-Frame Touchscreen LCD User Manual 

Contents

- [1 Elo E326942 17-inch Open-Frame Touchscreen LCD](#)
- [2 Product Overview](#)
- [3 1790L 17-inch Open-Frame Touchscreen](#)
- [4 Ordering Information](#)
- [5 Extended Warranty Options](#)
- [6 FAQs](#)
- [7 Reference Link](#)
- [8 References](#)
- [9 Related Posts](#)



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Product Overview

The Elo 1790L 17-inch open-frame LCD touchscreen features a slim design and narrow outside dimensions thanks 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 1790L 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

1790L 17-inch Open-Frame Touchscreen

Specifications	
Model	1790L
Color	Black
Active Display Area	13.3" x 10.6" / 337.92mm x 270.336mm
Diagonal	17"
Aspect Ratio	5:4
Dimensions	Bezel: 14.50" x 12.06" x 1.87" / 368.4mm x 306.4mm x 47.5mm Zero-Bezel: 15.44" x 12.93" x 1.69" / 392.2mm x 327.5mm x 42.8mm
Native Resolution	1280 x 1024 at 60Hz
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, 60 Hz; 1024 x 768 at 60 Hz

Number of Colors	16.7 million
Number of Touches	Single-touch and 10-touch
Brightness (typical)	LCD panel: 250 nits; AccuTouch: 200 nits; IntelliTouch: 225 nits; SecureTouch: 220 nits; TouchPro PCAP: 225 nits
Response (typical)	5 msec
Viewing Angle	Horizontal: 85°/170°; Vertical: 80°/160°
Contrast Ratio	1000:1
On-Screen Display	<p>Accessible through switches on the unit's tethered OSD Control box. Controls: Menu, Up, Down, Select, Power</p> <p>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</p> <p>Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese</p> <p>Lockouts: OSD, Power</p>
Video	<p>HDMI V1.3 Type A receptacle for HDMI input Analog VGA on Female DB-15 connector</p> <p>DisplayPort V1.1a – Supports later versions of Display Port video input Input Video Horizontal Sync frequency range: 30 – 82KHz</p> <p>Input Video Vertical Sync (frame rate) frequency range: 50-75Hz</p>
Power	<p>External DC – Optional power brick (sold separately)</p> <p>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)</p> <p>Monitor input power signal specifications: 12VDC +/- 5%</p> <p>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)</p>
Power Consumption	<p>ON (Default – 75% Brightness): 8.52 W ON (Typical – 100% Brightness): 9.90 W SLEEP (monitor + adapter): 1.5 W</p> <p>OFF (monitor + adapter): 0.5 W</p>
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: 7.94 lbs / 3.6 kg; Packaged: 12.35 lbs / 5.6 kg
Shipping Dimensions	18.74" x 16.46" x 7.21" / 476mm x 418mm x 183mm
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 kit (IntelliTouch/AccuTouch/SecureTouch 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, 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

Part Number	Part Description	Technology	Interface	Surface Treatment	Video Interface
E330225	ET1790L-2UWB-0-MT-ZB-NPB-G	TouchPro PCAP	USB 2.0	Clear	HDMI, VGA & Display Port
E326942	ET1790L-8CWB-1-ST-NPB-G	IntelliTouch	Dual serial/ USB 2.0	Antiglare	HDMI, VGA & Display Port
E334726	ET1790L-6CWB-1-ST-NPB-G	SecureTouch	Dual serial/ USB 2.0	Antiglare	HDMI, VGA & Display Port
E326347	ET1790L-7CWB-1-ST-NPB-G	AccuTouch	Dual serial/ USB 2.0	Antiglare	HDMI, VGA & Display Port

Extended Warranty Options

Part Number	Description
E898247	4 Year Warranty Coverage
E898449	5 Year Warranty Coverage
E898648	3 Year Warranty Coverage + AUR
E894921	4 Year Warranty Coverage + AUR
E895125	5 Year Warranty Coverage + AUR

Learn more about Elo at EloTouch.com.

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FAQs

What is the screen size of the Elo E326942 17-inch Open-Frame Touchscreen LCD?

The Elo E326942 has a 17-inch screen size.

What is the resolution of the Elo E326942 17-inch Open-Frame Touchscreen LCD?

The Elo E326942 has a resolution of 1280 x 1024.

Can the Elo E326942 17-inch Open-Frame Touchscreen LCD be customized for specific applications?

Yes, the Elo E326942 can often be customized to meet specific application requirements. It's recommended to inquire with the manufacturer or a distributor for customization options.

Is the Elo E326942 17-inch Open-Frame Touchscreen LCD a touchscreen display?

Yes, the Elo E326942 is a touchscreen LCD.

What types of input connections are available on the Elo E326942?

The Elo E326942 offers various input connections, including HDMI *input*.

Is the Elo E326942 suitable for industrial applications?

Yes, the Elo E326942 is designed for industrial and commercial applications.

What is the operating voltage range of the Elo E326942 17-inch Open-Frame Touchscreen LCD?

The Elo E326942 operates within a voltage range of 12VDC +/- 5%.

Can the Elo E326942 be mounted in various orientations?

Yes, the Elo E326942 can be mounted in both landscape and portrait orientations.

What is the brightness level of the Elo E326942 17-inch Open-Frame Touchscreen LCD?

The Elo E326942 has a brightness level of 250 NIT.

Does the Elo E326942 support multi-touch functionality?

Yes, the Elo E326942 supports multi-touch functionality.

What is the touchscreen technology used in the Elo E326942 17-inch Open-Frame Touchscreen LCD?

The Elo E326942 uses Surface Wave.

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Reference Link

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References

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