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2293L
21.5-inch LCD

Open-Frame Touchscreen



Integrated Touch

Commercial Grade

3-Year Warranty

Product Overview

The Elo 2293L 21.5-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 2293L 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 and IntelliTouch® Dual-Touch 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

2293L 21.5-inch Open-Frame Touchscreen

Specifications	
Model	2293L
Color	Black
Active Display Area	18.76" x 10.55" / 476.64mm x 268.11mm
Diagonal	21.5"
Aspect Ratio	16:9
Dimensions	Bezel: 20.12" x 11.74" x 1.65" / 511.8mm x 298.2mm x 42mm Zero-Bezel: 20.31" x 12.24" x 1.49" / 516mm x 311mm x 37.9mm
Native Resolution	1920 x 1080 at 50, 60 Hz
Other Supported Resolutions	640x480 at 60Hz; 720x400 at 70Hz; 800x500 at 60Hz; 800x600 at 56, 60Hz; 1024x768 at 60Hz; 1280x800 at 60Hz; 1280x1024 at 60Hz; 1366x768 at 60Hz, 60Hz RB;1440x900 at 60Hz, 60Hz RB; 1680x1050 at 60Hz, 60Hz RB
Nunmber of Colors	16.7 million
Number of Touches	Single-touch, Dual-touch and 10-touch
Brightness (typical)	LCD Panel: 250 nits; IntelliTouch: 225 nits; IntelliTouch Dual-Touch: 225 nits; TouchPro PCAP: 225 nits
Response (typical)	5 msec
Viewing Angle	Horizontal: 85°/170°; Vertical: 80°/160°
Contrast Ratio	1000:1
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%
Power Consumption	ON (monitor + power brick): 19W 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: 11.24 lbs / 5.1 kg; Packaged: 18.08 lbs / 8.2 kg
Shipping Dimensions	24.41" x 16.65" x 7.48" / 620mm x 423mm x 190mm
Mounting Options	VESA 4-hole 100mm mounting interface on rear of unit; 2-hole mounting interface on all 4 sides; Front mount with optional bezel kit (IntelliTouch/ IntelliTouch Dual-touch Models); Rack mount with optional kit (IntelliTouch/IntelliTouch Dual-touch 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
2293L	E330429	ET2293L-2UWB-0-MT-ZB-NPB-G	TouchPro PCAP	USB	Clear	HDMI, VGA & Display Port	Worldwide
	E327142	ET2293L-8UWB-0-DT-NPB-G	IntelliTouch Dual-Touch	USB	Clear	HDMI, VGA & Display Port	Worldwide
	E327345	ET2293L-8CWB-0-ST-NPB-G	IntelliTouch	Dual serial/USB	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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