

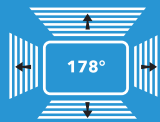


# 2796L 27-inch LCD

Open-Frame Touchscreen



1000 NITs



Wide Viewing Angle



3-Year Warranty

## Product Overview

Elo's 2796L 27-inch interactive open frame delivers the sleek design the 90-Series is known for with outstanding brightness. At over 200% brighter than the 2794L, the brilliant 2796L TouchPro® PCAP display offers edge-to-edge glass for ease of integration and up to 10 touches for a tablet-like experience. Elo's open frames can be mounted in landscape, portrait, and face-up orientations providing optimal flexibility for integrating in any table, kiosk, or cabinet design. Whether viewing straight on or at an angle, close-up or from a distance, our open frames offer what you need while maintaining optimal clarity and the viewing experience you want to deliver.

With proven Elo expertise and built-in reliability, the industrial-grade display provides outstanding image clarity and light transmissivity, as well as stable, drift-free operation for accurate touch responses. Elo's open frames offer the versatility needed for commercial kiosk applications from industrial automation and gaming to self-service and retail.

**Enable Smarter Kiosks - Pair your open frame with the Elo Backpack™ and EloView® to create an affordable, scalable, single-architecture deployment**

**Elo's TouchPro PCAP offers:**

- 10-touch capability that passes UL-60950, IK-07 impact testing and GLI ESD 27kV air / 8kV contact

- OSD enabled touch thru with up to 6mm of additional coverglass for increased durability & protection

**Video Interfaces: HDMI, VGA & Display Port**

## 2796L 27-inch Open-Frame Touch

Specifications	
Model	2796L
Color	Black
Active Display Area	23.54" x 13.24" / 597.89mm x 336.31mm
Diagonal	27"
Aspect Ratio	16:9
Dimensions	25.36" x 15.29" x 2.02" / 644.2mm x 388.4mm x 51.4mm
Native Resolution	1920x1080 50, 60Hz
Other Supported Resolutions	640x480 60Hz; 720x400 70Hz; 800x500, 60Hz; 800x600 56, 60Hz; 1024x768 60Hz; 1280x800 60Hz; 1280x1024 60Hz; 1366x768 60Hz, 60Hz RB; 1440x900 60Hz, 60Hz RB; 1680x1050 60Hz, 60Hz RB; 1920x1080 50, 60Hz
Number of Colors	1.07 billion
Number of Touches	10-touch
Brightness (typical)	LCD panel: 1000 nits; TouchPro PCAP: 900 nits
Response (typical)	14 msec
Viewing Angle	Horizontal: 89°/178°; Vertical: 89°/178°
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
I/O Ports	USB TypeB, RJ45 for OSD remote key, VGA, HDMI, DisplayPort, 12V D/C in
Video	HDMI V1.3 Type A receptacle for HDMI input Analog VGA on Female DB-15 connector DisplayPort V1.1a - Supports later versions of DisplayPort 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) Adapter input voltage range: 100-240 VAC Input frequency: 50-60 Hz
Power Consumption	ON (monitor + power brick): 55W SLEEP FROM PC (monitor + power brick): 0.85W 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: 17.01 lbs / 7.73 kg; Packaged: 24.93 lbs / 11.33 kg
Shipping Dimensions	30.79" x 20.87" x 7.87" / 782mm x 530mm x 200mm
Mounting Options	200mm x 100mm VESA mount on rear of unit; 4 hole mounting interface on all four sides; Flush mount with included brackets
Warranty	3 years standard
MTBF	50,000 hours demonstrated
Agency Approvals	Australia RCM; Canada cUL, IC; China CCC; Europe CE, TUV; Japan VCCI; Korea KCC; Mexico CoC; Taiwan BSMI; United States UL, FCC; International CB; RoHS, China RoHS, WEEE
Compliance	GLI 27 kV air / 8 kV contact ESD compliant; UL 60950 ball-drop compliant; IK07 impact compliant
What's in the Box	HDMI Cable, VGA Cable, OSD Remote, Touch USB Cable, QIG, Flush Mount Brackets with screws, EEI Label, Japan Class-B TM info sheet

## Ordering Information

Model	Part Number	Part Description	Technology	Interface	Surface Treatment	Video Interface
2796L	E146826	ET2796L-2UWB-0-MT-ZB-NPB-G	TouchPro PCAP	USB 2.0	Clear	HDMI, VGA & DisplayPort

## 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

To find out more about our extensive range of Elo touch solutions, go to [elotouch.com](http://elotouch.com), or call the office nearest you.

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