

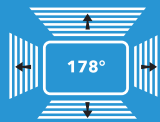


# 2796L 27-inch LCD

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.

### Elo Touch Solutions - Italy

Camax DS Srl  
Via Fratelli Di Dio, 18  
20063 Cernusco Sul Naviglio (MI)

Tel. +39 02 9544951  
Fax +39 02 9522671  
info@camax.it - [www.camax.it](http://www.camax.it)

Elo reserves the right to change or update, without notice, any information contained herein; to change, without notice, the design, construction, materials, processing or specifications of any products; and to discontinue or limit production or distribution of any products. Elo, the Elo logo, the Elo Backpack, EloView and TouchPro are either trademarks or registered trademarks of Elo Touch Solutions, Inc. All other trademarks are the property of their respective owners. © 2019 Elo Touch Solutions, Inc. All rights reserved. 19041AES00122

