



1598L 15-inch LCD

Open-Frame Touchscreen



Integrated Touch



Commercial Grade



3-Year Warranty

Product Overview

The Elo 1598L 15-inch open-frame LCD touch display 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. The 1598L includes a 500 nit high bright display and extended temperature range to 50° C (122° F) making it ideal for factory automation and other instrumentation control applications. With an optional 24 VDC converter kit included with the unit, manufacturers can leverage a common 24V power supply in their design with a single AC connection. This compact touch display is designed for touch with proven Elo expertise and 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 15-inch open frame is perfect for kiosks, casino and amusement, retail self-service, and industrial automation environments.

The 1598L is available with Elo's industry-leading AccuTouch® five-wire resistive with single-touch technology

The touchscreen is sealed against dirt, dust and liquids, to simplify integration into the final enclosure

Video Interfaces: HDMI, VGA & Display Port

1598L 15-inch Open-Frame Touchscreen

Specifications	
Model	1598L
Color	Black
Active Display Area	11.97" x 8.98" / 304.1mm x 228.1mm
Diagonal	15"
Aspect Ratio	4:3
Dimensions	13.24" x 10.41" x 1.65" / 336.4mm x 264.4mm x 41.9mm
Native Resolution	1024 x 768 at 60, 75 Hz
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, 60Hz
Number of Colors	16.2 million
Number of Touches	Single-touch
Brightness (typical)	LCD Panel: 500 nits; AccuTouch: 400 nits
Response (typical)	35 msec
Viewing Angle	Horizontal: $\pm 85^\circ$ / 170° ; Vertical: $\pm 85^\circ$ / 170°
Contrast Ratio	1500:1
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, Sharpness, Color Temperature, OSD Timeout, OSD Language, OSD H-Position, OSD V-Position, Recall Defaults, Video Priority, Information, Touch On Sleep Mode 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 - 60KHz Input Video Vertical Sync (frame rate) frequency range: 50-75Hz
Power	External DC - Optional power brick (sold separately), Adapter input connector: IEC 60320 C14, Adapter input voltage range: 100-240VAC, 50/60Hz 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): 14.1W SLEEP (monitor + power brick): 1.5W OFF (monitor + power brick): 0.5W
Temperature	Operating: 0°C to 50°C / 32°F to 122°F ; Storage: -20°C to 70°C / -4°F to 158°F
Humidity	Operating: 20% to 80%; Storage: 10% to 95%
Weight	Unpackaged: 6.4 lbs / 2.9 kg; Packaged: 10.36 lbs / 4.7 kg
Shipping Dimensions	17.09" x 14.76" x 6.89" / 434mm x 375mm x 175mm
Mounting Options	75 mm and 100 mm VESA mount 2-hole mounting interface on all 4 sides Front mount with optional bezel kit Rack mount with optional bezel kit See dimensional drawings for details
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; "L" (Side Mount) Brackets w/Screws, EEI Label, Japan Class-B TM info sheet

Ordering Information

Model	Part Number	Technology	Interface	Surface Treatment	Video Interface	Availability
1598L	E126407	AccuTouch	Dual serial/USB	Antiglare	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

Optional Peripherals / Accessories

Part Number	Description
E483757	OSD Remote
E546861	Replacement Cable Kit for 90 Series
E203787	15-inch "L" (Side Mount) Brackets
E323425	15-inch Front Mount Bezel Kit
E295006	15-inch Rack Mount Bracket Kit
E538507	DVI-D to HDMI Cable Kit
E582895	DP to DP Cable Kit
E239980	Power Converter Kit - 24V DC to 12V DC

Learn more about Elo at EloTouch.com.

Americas

Tel +1 408 597 8000
elosales.na@elotouch.com

Europe (EMEA)

Tel +32 (0)16 70 45 00
EMEA.Sales@elotouch.com

Asia Pacific

Tel +86 (21) 3329 1385
www.elotouch.com.cn

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, AccuTouch, IntelliTouch, SecureTouch and TouchPro are either trademarks or registered trademarks of Elo Touch Solutions, Inc. All other trademarks are the property of their respective owners. © 2020 Elo Touch Solutions, Inc. All rights reserved. 20101AES00086

