



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, IMERC
What's in the Box	HDMI Cable, VGA Cable, OSD Remote, Touch USB Cable, User Manual CD and 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

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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