elo

- "Designed for touch" from the ground up
- Elo reliability and quality at an economical price point
- 3 year warranty

1590L 15-inch LCD Open-Frame Touch Display

The Elo 1590L 15" open-frame LCD touch display complements the Elo expanding family of touch solutions for kiosks, casino and amusement, retail self-service, and industrial floor automation. Featuring a slim design and narrow outside dimensions, the state-of-the art energy-saving LED backlight uses less electricity to operate and generates less heat.

This compact touch display is "designed for touch," with proven Elo expertise and reliability built in. The 1590L provides stable "drift-free" operation with outstanding image clarity and light transmission—for accurate touch responses and vivid images.

The touchscreen is sealed against dirt, dust and liquids, which simplifies integration into the final enclosure. Long-lasting product availability can be expected as the design and tooling is controlled by Elo specifications.

The 1590L is available with a choice of industry-leading touch technologies, in both single touch and multi touch versions. The seamless zero-bezel 15"

multi-touch display is available with our latest projected capacitive (PCAP) 2GS (two glass solution) technology that delivers both a ten touch "tablet like" interactive experience along with thru-glass functionality - both modes support single or dual latex gloves as well as cloth gloves. Standard bezel, single-touch display options include AccuTouch® five-wire resistive, IntelliTouch® SAW or SecureTouch® anti-vandal SAW.

At Elo, we design, build and are responsible for the complete solution with touch integrated from the start. We use our own touchscreens combined with our software and drivers, everything is designed to work together and tested as part of our life testing processes.

Worldwide agency approvals cover the whole display, which is developed, built, serviced and supported by a true single source supplier. The 1590L open-frame LCD touch display provides an economical solution for system integrators and VARs.

Benefits

- Choice of Elo touch technologies:
- **Standard bezel:** IntelliTouch SAW, SecureTouch anti-vandal SAW and AccuTouch five-wire resistive
- **Zero-bezel:** Projected Capacitive
- PCAP 2GS (two glass solution) offers pristine optical clarity and touch durability
- 10 touch projected capacitive with Thru-glass capabilities that passes UL-60950 & IK-07 Impact testing
- Display Port and VGA video interfaces

Application

- Casino and amusement games
- Retail self-service
- Kiosks
- Industrial Automation

About Elo

Elo founders pioneered the touchscreen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touch displays, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

1590L 15-inch Open-Frame Touch Display

Specifications	
Model	1590L
Color	Black
Active Display Area	304 x 228 mm / 11.97 x 8.98 inches
Diagonal	15"
Aspect Ratio	4:3
Dimensions	**Bezel:** 336.4 x 264.4 x 41.9 mm / 13.24 x 10.41 x 1.65; **Zero-Bezel:** 358 x 284.9 x 35.6 mm / 14.09 x 11.22 x 1.40 inches
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
Colors	16.2 million
Brightness (typical)	LCD Panel: 250 nits; AccuTouch: 200 nits; IntelliTouch: 225 nits; SecureTouch: 220 nits; Projected Capacitive (PCAP): 225 nits
Response (typical)	16ms
Viewing Angle	Horizontal: 80°/160°; Vertical: 70°/140°
Contrast Ratio	700:1
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
Input video format	Analog VGA and DisplayPort
Input video signal connector	Analog VGA on Female DB-15 connector DisplayPort V1.1a - Supports later versions of Display Port video input
Scanning frequency	Horizontal: 30 - 60 kHz; Vertical: 50 - 75 Hz
Power	**Monitor Input Power Connector:** Coaxial power jack (2.1mm pin outer diameter, 5.5mm barrel inner diameter) **Monitor Input Power Signal Specifications:** 12VDC +/- 5% **Power Brick Input Connector:** IEC 60320 C14 **Power Brick Input voltage range:** 100-240VAC, 50/60Hz
Power Consumption	ON (monitor + power brick): 12W 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: 6.4 lbs (2.9 kg); Packaged: 7.7 lbs (3.4 kg)
Shipping Dimensions	434 (L) x 375 (W) x 175 (H) mm / 17.1 x 14.8 x 6.9 inches
Mounting Options	75 mm and 100 mm VESA mount; 2-hole mounting interface on all 4 sides; Rear mount (PCAP Models); Front mount with optional bezel kit (IT/AT/ST Models); Rack mount with optional bezel kit (IT/AT/ST Models); Flush mount with included brackets (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	**All displays include:** VGA Cable, RJ45 OSD Remote, USB Touch 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

Ordering Information

Model	Part Number	Part Descriptions	Technology	Interface	Surface Treatment	Video Interface	Availability
1590L	E176164	ET1590L-2UWA-0-MT-ZB-NPB-G	Projected Capacitive	USB	Clear	VGA & DP	Worldwide
	E196676	ET1590L-8CWA-1-ST-NPB-G	IntelliTouch	Dual serial/USB	Antiglare	VGA & DP	Worldwide
	E176568	ET1590L-6CWA-1-ST-NPB-G	SecureTouch	Dual serial/USB	Antiglare	VGA & DP	Worldwide
	E176751	ET1590L-7CWA-1-ST-NPB-G	AccuTouch	Dual serial/USB	Antiglare	VGA & DP	Worldwide

To find out more about our extensive range of Elo touch solutions, go to **elotouch.com**, or call the office nearest you.

ELO

- "Built for Touch" with proven Elo expertise and reliability
- Mounting options including rear-mount and VESA mount
- 3 year warranty

1790L 17-inch Open-Frame Touch Display

The Elo 1790L 17" open-frame LCD touch display complements the family of touch solutions for kiosk, gaming, amusement, and industrial automation. Featuring a slim design and narrow outside dimensions, the state-of-the art energy-saving LED backlight uses less electricity to operate and generates less heat.

This compact touch display is "designed for touch" with proven Elo expertise and reliability built in. The 1790L provides stable "drift-free" operation with outstanding image clarity and light transmission—for accurate touch responses and vivid images. The touchscreen is sealed against dirt, dust and liquids, which simplifies integration into the final enclosure.

Long-lasting product availability can be expected as the design and tooling is controlled by Elo specifications.

The 1790L is available with a choice of industry-leading touch technologies, in both single touch and multi touch versions. The seamless zero-bezel 17"

multi-touch display is available with our latest projected capacitive (PCAP) 2GS (two glass solution) technology that delivers both a ten touch "tablet like" interactive experience along with thru-glass functionality - both modes support single or dual latex gloves as well as cloth gloves. Standard bezel, single-touch display options include AccuTouch® five-wire resistive, IntelliTouch® SAW or SecureTouch® anti-vandal SAW.

At Elo, we design, build and are responsible for the complete solution with touch integrated from the start. We use our own touchscreens combined with our software and drivers, everything is designed to work together and tested as part of our life testing processes.

Worldwide agency approvals cover the whole display, which is developed, built, serviced and supported by a true single source supplier. The 1790L open-frame LCD touch display provides an economical solution for system integrators and VARs.

Benefits

Choice of Elo touch technologies:
- **Standard bezel**: IntelliTouch SAW, SecureTouch anti-vandal SAW and AccuTouch five-wire resistive
- **Zero-bezel**: Projected Capacitive
- PCAP 2GS (two glass solution) offers pristine optical clarity and touch durability
- High quality energy- saving LED panel
- 10 touch projected capacitive (PCAP) with Thru-glass capabilities that passes UL-60950 & IK-07 Impact testing
- Display Port and VGA video interfaces

Application

- Casino and amusement games
- Retail self-service
- Kiosks
- Industrial Automation

About Elo

Elo founders pioneered the touchscreen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touch displays, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

1790L 17-inch Open-Frame Touch Display

Specifications	
Model	1790L
Color	Black
Active Display Area	337.9 x 270.3 mm / 13.3 x 10.6 inches
Diagonal	17"
Aspect Ratio	5:4
Dimensions	**Bezel:** 368.4 x 306.4 x 47.5 mm / 14.50 x 12.06 x 1.87; **Zero-Bezel:** 392.2 x 327.5 x 42.8 mm / 15.44 x 12.93 x 1.69 inches
Native Resolution	1280 x 1024 at 60Hz
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, 60 Hz; 1024 x 768 at 60 Hz
Colors	16.7 million
Brightness (typical)	LCD panel: 250 nits; AccuTouch: 200 nits; IntelliTouch: 225 nits; SecureTouch: 220 nits; PCAP: 225 nits
Response (typical)	5ms
Viewing Angle	Horizontal: 85°/170°; Vertical: 80°/160°
Contrast Ratio	800:1
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
Input video format	Analog VGA and DisplayPort
Input video signal connector	Analog VGA on Female DB-15 connector DisplayPort V1.1a - Supports later versions of Display Port video input
Scanning frequency	Horizontal: 30 - 82 kHz; Vertical: 50 - 75 Hz
Power	**Monitor Input Power Connector:** Coaxial power jack (2.1mm pin outer diameter, 5.5mm barrel inner diameter) **Monitor Input Power Signal Specifications:** 12VDC +/- 5% **Power Brick Input Connector:** IEC 60320 C14 **Power Brick Input voltage range:** 100-240VAC, 50/60Hz
Power Consumption	ON (monitor + power brick): 15W 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: 7.9 lb (3.6 kg) Packaged: 12.1 lb (5.5 kg)
Shipping Dimensions	476 (L) x 418 (W) x 183 (H) mm / 18.7 x 16.5 x 7.2 inches
Mounting Options	75 mm and 100 mm VESA mount; 2-hole mounting interface on all 4 sides; Rear mount (PCAP Models); Front mount with optional bezel kit (IT/AT/ST Models); Rack mount with optional kit (IT/AT/ST Models); Flush mount with included brackets (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	**All displays include:** VGA Cable, RJ45 OSD Remote, USB Touch 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

Ordering Information

Model	Part Number	Part Description	Technology	Interface	Surface Treatment	Video Interface	Availability
1790L	E177329	ET1790L-2UWA-0-MT-ZB-NPB-G	Projected Capacitive	USB	Clear	VGA & DP	Worldwide
	E197058	ET1790L-8CWA-1-ST-NPB-G	IntelliTouch	Dual serial/USB	Antiglare	VGA & DP	Worldwide
	E177727	ET1790L-6CWA-1-ST-NPB-G	SecureTouch	Dual serial/USB	Antiglare	VGA & DP	Worldwide
	E177920	ET1790L-7CWA-1-ST-NPB-G	AccuTouch	Dual serial/USB	Antiglare	VGA & DP	Worldwide

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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- "Designed for Touch" with proven Elo expertise and reliability
- Pure-glass touchscreen for optimal image quality
- 3 year warranty

1990L 19-inch Open-Frame Touch Displays

The Elo 1990L 19" 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 1990L instantly grabs and holds the users' attention for kiosks, casino and amusement, retail self-service, and industrial floor automation.

This compact touch display is "designed for touch" with proven Elo expertise and reliability built in. The 1990L provides stable "drift-free" operation with outstanding image clarity and light transmission—for accurate touch responses and vivid images. The touchscreen is sealed against dirt, dust and liquids, which simplifies integration into the final enclosure. Long-lasting product availability can be expected as the design and tooling is controlled by Elo specifications.

Available with a choice of industry-leading touch technologies, in single- or multi-touch technology,

including IntelliTouch® single-touch surface acoustic wave (SAW), and Elo's latest projected capacitive (PCAP) 2GS (two glass solution) multi-touch display with zero-bezel, offering both a ten touch "tablet like" interactive experience along with thru-glass functionality - both modes support single or dual latex gloves as well as cloth gloves.

At Elo, we design, build and are responsible for the complete solution with touch integrated from the start. We use our own touchscreens combined with our software and drivers, everything is designed to work together and tested as part of our life testing processes.

Worldwide agency approvals cover the whole display, which is developed, built, serviced and supported by a true single source supplier. The 1990L open-frame LCD touch display provides an economical solution for system integrators and VARs.

Benefits

- Choice of Elo touch technologies:
  Standard bezel: IntelliTouch SAW
  Zero-bezel: Projected capacitive
- PCAP 2GS (two glass solution) offers pristine optical clarity and touch durability
- Touchscreen sealed against dirt, dust and liquids
- LED backlighting allows for state-of-the-art slim design while reducing power consumption
- 10 touch projected capacitive (PCAP) with Thru-glass capabilities that passes UL-60950 & IK-07 Impact testing
- Display Port and VGA video interfaces

Application

- Casino and amusement games
- Retail self-service
- Kiosks
- Industrial Automation

About Elo

Elo founders pioneered the touchscreen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touch displays, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

1990L 19-inch Open-Frame Touch Display

Specifications	
Model	1990L
Color	Black
Active Display Area	376.3 x 301 mm / 14.8 x 11.85 inches
Diagonal	19"
Aspect Ratio	5:4
Dimensions	**Bezel:** 414.7 x 342.7 x 50 mm / 16.33 x 13.50 x 1.97 inches; **Zero-Bezel:** 420.1 x 348.1 x 40.7 mm / 16.54 x 13.70 x 1.60 inches
Native Resolution	1280 x 1024 at 60 Hz
Other Supported Resolutions	640x480 at 60Hz; 720x400 at 70Hz; 800x500 at 60Hz; 800x600 at 56, 60Hz; 1024x768 at 60Hz; 1280 x 800 at 60Hz
Colors	16.7 million
Brightness (typical)	LCD Panel: 250 nits; IntelliTouch: 225 nits; Projected Capacitive (PCAP): 225 nits
Response (typical)	5ms
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
Input video format	Analog VGA and DisplayPort
Input video signal connector	Analog VGA on Female DB-15 connector DisplayPort V1.1a - Supports later versions of Display Port video input
Scanning frequency	Horizontal: 30 - 82 kHz; Vertical: 50 - 75 Hz
Power	**Monitor Input Power Connector:** Coaxial power jack (2.1mm pin outer diameter, 5.5mm barrel inner diameter) **Monitor Input Power Signal Specifications:** 12VDC +/- 5% **Power Brick Input Connector:** IEC 60320 C14 **Power Brick Input voltage range:** 100-240VAC, 50/60Hz
Power Consumption	ON (monitor + power brick): 18W 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: 10.14 lb (4.6 Kg); Packaged: 15.21 lb (6.9 Kg)
Shipping Dimensions	526 (L) x 450 (W) x 190 (H) mm / 20.71 (L) x 17.72 (W) x 7.48 (H) inches
Mounting Options	75 mm VESA mount (PCAP Models); 75 mm and 100mm VESA mount (IT/AT/ST Models); Rear mount (PCAP Models); 2 Hole mounting interface on all four sides; Front mount with optional bezel kit (IT/AT/ST Models); Rack mount with optional kit (IT/AT/ST Models); Flush mount with included brackets (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	**All displays include:** VGA Cable, RJ45 OSD Remote, USB Touch 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

Ordering Information

Model	Part Number	Part Description	Technology	Interface	Surface Treatment	Video Interface	Availability
1990L	E178104	ET1990L-2UWA-0-MT-ZB-NPB-G	Projected Capacitive	USB	Clear	VGA & DP	Worldwide
	E197256	ET1990L-8CWA-0-ST-NPB-G	IntelliTouch	Dual serial/USB	Clear	VGA & DP	Worldwide

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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- "Designed for Touch" with proven Elo expertise and reliability
- Energy-saving LED panel
- 3 year warranty

1991L 19-inch Open-Frame Touch Display

The Elo 1991L 19" 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. Featuring a brilliant wide viewing angle panel, the 1991L instantly grabs and holds the users' attention for kiosks, casino and amusement, retail self-service, and industrial floor automation.

This compact touch display is "designed for touch" with proven Elo expertise and reliability built in. The 1991L provides stable "drift-free" operation with outstanding image clarity and light transmission—for accurate touch responses and vivid images. The touchscreen is sealed against dirt, dust and liquids, which simplifies integration into the final enclosure. Long-lasting product availability can be expected as the design and tooling is controlled by Elo specifications.

The 1991L is available with a choice of industry-leading touch technologies, in both single touch and multi touch versions. This seamless zero-bezel 19''

multi-touch display is available with our latest projected capacitive (PCAP) 2GS (two glass solution) technology that delivers both a ten touch "tablet like" interactive experience along with thru-glass functionality - both modes support single or dual latex gloves as well as cloth gloves. Standard bezel, single-touch display options include AccuTouch® five-wire resistive, IntelliTouch® SAW or SecureTouch® anti-vandal SAW.

At Elo, we design, build and are responsible for the complete solution with touch integrated from the start. We use our own touchscreens combined with our software and drivers, everything is designed to work together and tested as part of our life testing processes.

Worldwide agency approvals cover the whole display, which is developed, built, serviced and supported by a true single source supplier. The 1991L open-frame LCD touch display provides an economical solution for system integrators and VARs.

Benefits

- Choice of Elo touch technology:
- **Standard bezel:** IntelliTouch SAW, SecureTouch anti-vandal SAW, and AccuTouch five-wire resistive
- **Zero-bezel:** Projected capacitive
- Viewing angle of 178°(h) x 178° (v), for sharp colors and graphics in both portrait and landscape modes
- Touchscreen sealed against dirt, dust and liquids
- PCAP 2GS (two glass solution) offers pristine optical clarity and touch durability
- 10 touch projected capacitive (PCAP) with Thru-glass capabilities that passes UL-60950 & IK-07 Impact testing
- Display Port and VGA video interfaces

Application

- Casino and amusement games
- Retail self-service
- Kiosks
- Industrial Automation

About Elo

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1991L 19-inch Open-Frame Touch Display

Specifications	
Model	1991L
Color	Black
Active Display Area	376.3 x 301 mm / 14.8 x 11.85 inches
Diagonal	19"
Aspect Ratio	5:4
Dimensions	**Bezel:** 414.7 x 342.7 x 50 mm / 16.33 x 13.50 x 1.97 inches; **Zero-Bezel:** 420.1 x 348.1 x 40.7 mm / 16.54 x 13.70 x 1.60 inches
Native Resolution	1280 x 1024 at 60Hz
Other Supported Resolutions	640x480 at 60Hz; 720x400 at 70Hz; 800x500 at 60Hz; 800x600 at 56, 60Hz; 1024x768 at 60Hz; 1280 x 800 at 60Hz
Colors	16.7 million
Brightness (typical)	LCD panel: 250 nits; AccuTouch: 200 nits; SecureTouch: 220 nits; IntelliTouch: 225 nits; PCAP: 225 nits
Response (typical)	14ms
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
Input video format	Analog VGA and DisplayPort
Input video signal connector	Analog VGA on Female DB-15 connector DisplayPort V1.1a - Supports later versions of Display Port video input
Scanning frequency	Horizontal: 30 - 82 kHz; Vertical: 50 - 75 Hz
Power	**Monitor Input Power Connector:** Coaxial power jack (2.1mm pin outer diameter, 5.5mm barrel inner diameter) **Monitor Input Power Signal Specifications:** 12VDC +/- 5% **Power Brick Input Connector:** IEC 60320 C14 **Power Brick Input voltage range:** 100-240VAC, 50/60Hz
Power Consumption	ON (monitor + power brick): 16W 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: 10.14 lb (4.6 Kg); Packaged: 15.21 lb (6.9 Kg)
Shipping Dimensions	526 (L) x 450 (W) x 190 (H) mm / 20.71 (L) x 17.72 (W)x 7.48 (H) inches
Mounting Options	75 mm VESA mount (PCAP Models); 75 mm and 100mm VESA mount (IT/AT/ST Models); Rear mount (PCAP Models); 2 Hole mounting interface on all four sides; Front mount with optional bezel kit (IT/AT/ST Models); Rack mount with optional kit (IT/AT/ST Models); Flush mount with included brackets (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	**All displays include:** VGA Cable, RJ45 OSD Remote, USB Touch 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

Ordering Information

Model	Part Number	Part Description	Technology	Interface	Surface Treatment	Video Interface	Availability
1990L	E178469	ET1991L-2UWA-0-MT-ZB-NPB-G	Projected Capacitive	USB	Clear	VGA & DP	Worldwide
	E197438	ET1991L-8CWA-1-ST-NPB-G	IntelliTouch	Dual serial/USB	Anti-Glare	VGA & DP	Worldwide
	E178862	ET1991L-6CWA-1-ST-NPB-G	SecureTouch	Dual serial/USB	Anti-Glare	VGA & DP	Worldwide
	E179065	ET1991L-7CWA-1-ST-NPB-G	AccuTouch	Dual serial/USB	Anti-Glare	VGA & DP	Worldwide

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elo

- Compact form factor with "Built for Touch" reliability
- Pure-glass touchscreen for optimal image quality
- 3 year standard warranty

Benefits

- 10 touch projected capacitive (PCAP) with Thru-glass capabilities that passes UL-60950 & IK-07 Impact testing
- PCAP 2GS (two glass solution) offers pristine optical clarity and touch durability
- Touchscreen sealed against dirt, dust and liquids
- Easy to integrate with mounting holes on all 4 sides and rear 75mm VESA mount
- Display Port and VGA video interfaces

1093L 10-inch Open-Frame Touch Display

The Elo 1093L 10" open-frame LCD touch display provides an additional compact size to complement the family of touch solutions for kiosk, gaming, amusement, and industrial automation. Featuring a slim design and narrow outside dimensions, the state-of-the art energy-saving LED backlight uses less electricity to operate and generates less heat.

This compact touch display is "designed for touch," with proven Elo expertise and reliability built in. The 1093L provides stable "drift-free" operation with outstanding image clarity and light transmission—for accurate touch responses and vivid images. The touchscreen is sealed against dirt, dust and liquids, which simplifies integration into the final enclosure. Long-lasting product availability can be expected as the design and tooling is controlled by Elo specifications.

This seamless zero-bezel 10" multi-touch

display is available with our latest projected capacitive (PCAP) 2GS (two glass solution) technology that delivers both a ten touch "tablet like" interactive experience along with thru-glass functionality - both modes support single or dual latex gloves as well as cloth gloves.

At Elo, we design, build and are responsible for the complete solution with touch integrated from the start. We use our own touchscreens combined with our software and drivers, everything is designed to work together and tested as part of our life testing processes.

Worldwide agency approvals cover the whole display, which is developed, built, serviced and supported by a true single source supplier. The 1093L open-frame LCD touch display provides an economical solution for system integrators and VARs.

Application

- Casino and amusement games
- Retail self-service
- Kiosks
- Industrial Automation

About Elo

Elo founders pioneered the touchscreen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touch displays, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

1093L 10-inch Open-Frame Touchmonitor

Specifications	
Model	1093L
Color	Black
Active Display Area	217 x 135.6 mm / 8.54 x 5.34 inches
Diagonal	10.1"
Aspect Ratio	16:10
Dimensions	255.8 x 178.5 x 36.9mm / 10.07 x 7.03 x 1.45 inches
Native Resolution	1280 x 800 at 60 Hz
Other Supported Resolutions	640x480 at 60Hz 720x400 at 70Hz 800x500 at 60Hz 800x600 at 56, 60Hdz 1024x768 at 60Hz
Colors	262K
Brightness (typical)	LCD Panel: 350 nits; Projected Capacitive (PCAP): 315 nits
Response (typical)	25ms
Viewing Angle	Horizontal: 85°/170°; Vertical: 85°/170°
Contrast Ratio	800:1
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
Input video format	Analog VGA and DisplayPort
Input video signal connector	Analog VGA on Female DB-15 connector DisplayPort V1.1a - Supports later versions of Display Port video input
Scanning frequency	Horizontal: 30 - 60 kHz; Vertical: 50 - 75 Hz
Power	**Monitor Input Power Connector:** Coaxial power jack (2.1mm pin outer diameter, 5.5mm barrel inner diameter) **Monitor Input Power Signal Specifications:** 12VDC +/- 5% **Power Brick Input Connector:** IEC 60320 C14 **Power Brick Input voltage range:** 100-240VAC, 50/60Hz
Power Consumption	ON (monitor + power brick): 6W SLEEP (monitor + power brick): 0.7W 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: 2.7 lbs (1.2 kg); Packaged: 5.5 lbs (2.5 kg)
Shipping Dimensions	336 (L) x 262 (W) x 175 (H) mm / 13.23 x 10.31 x 6.89 inches
Mounting Options	75 mm VESA mount; Flush mount with included brackets; 2-hole mounting interface on all 4 sides
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	**All displays include:** VGA Cable, RJ45 OSD Remote, USB Touch Cable, User Manual CD, and Quick Install Guide; Flush Mount Brackets w/Screws

Ordering Information

Model	Part Number	Part Description	Technology	Interface	Surface Treatment	Video Interface	Availability
1093L	E175580	ET1093L-2UWA-0-MT-ZB-NPB-G	Projected Capacitive	USB	Clear	VGA & DP	Worldwide

To find out more about our extensive range of Elo touch solutions, go to **elotouch.com**, or call the office nearest you.

elo

![Elo logo]

- •"Designed for Touch" with proven Elo expertise and reliability
- • Pure-glass touchscreen for optimal image quality
- • 3 year warranty

Benefits

- • Choice of Elo touch technologies:
  Standard bezel: IntelliTouch SAW
  Zero-bezel: Projected capacitive
- • PCAP 2GS (two glass solution) offers pristine optical clarity and touch durability
- • Touchscreen sealed against dirt, dust and liquids
- • LED backlighting allows for state-of-the-art slim design while reducing power consumption
- • 10 touch projected capacitive (PCAP) with Thru-glass capabilities that passes UL-60950 & IK-07 Impact testing
- • Display Port and VGA video interfaces

Application

- • Casino and amusement games
- • Retail self-service
- • Kiosks
- • Industrial Automation

1291L 12.1-inch Open-Frame Touch Displays

The Elo 1291L 12.1" 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 1291L instantly grabs and holds the users' attention for kiosks, casino and amusement, retail self-service, and industrial floor automation.

This compact touch display is "designed for touch" with proven Elo expertise and reliability built in. The 1291L provides stable "drift-free" operation with outstanding image clarity and light transmission—for accurate touch responses and vivid images. The touchscreen is sealed against dirt, dust and liquids, which simplifies integration into the final enclosure. Long-lasting product availability can be expected as the design and tooling is controlled by Elo specifications.

Available with a choice of industry-leading touch technologies, in single- or multi-touch technology,

including IntelliTouch® single-touch surface acoustic wave (SAW), and Elo's latest projected capacitive (PCAP) 2GS (two glass solution) multi-touch display with zero-bezel, offering both a ten touch "tablet like" interactive experience along with thru-glass functionality - both modes support single or dual latex gloves as well as cloth gloves.

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Worldwide agency approvals cover the whole display, which is developed, built, serviced and supported by a true single source supplier. The 1291L open-frame LCD touch display provides an economical solution for system integrators and VARs.

About Elo

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1291L 12.1-inch Open-Frame Touch Display

Specifications	
Model	1291L
Color	Black
Active Display Area	246 x 184.50 mm / 9.69 x 7.26 inches
Diagonal	12.1"
Aspect Ratio	4:3
Dimensions	**Bezel:** 302.5 X 242.2 X 49.8 mm / 11.91 x 9.54 x 1.96 inches; **Zero-Bezel:** 302.5 X 242 X 44.9 mm / 11.90 x 9.53 x 1.77 inches
Native Resolution	800 x 600 at 60Hz
Other Supported Resolutions	640 x 480 at 60Hz; 800 x 500 at 60Hz
Colors	16.2 million
Brightness (typical)	LCD Panel: 450 nits; IntelliTouch: 405 nits; Projected Capacitive (PCAP): 405 nits
Response (typical)	25 msec
Viewing Angle	Horizontal: 89° / 178°; Vertical: 89° / 178°
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, 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
Input video format	Analog VGA and DisplayPort
Input video signal connector	Analog VGA on Female DB-15 connector DisplayPort V1.1a - Supports later versions of Display Port video input
Scanning frequency	Horizontal: 30 - 38 kHz; Vertical: 50 - 75 Hz
Power	**Monitor Input Power Connector:** Coaxial power jack (2.1mm pin outer diameter, 5.5mm barrel inner diameter) **Monitor Input Power Signal Specifications:** 12VDC +/- 5% **Power Brick Input Connector:** IEC 60320 C14 **Power Brick Input voltage range:** 100-240VAC, 50/60Hz
Power Consumption	ON (monitor + power brick): 15W 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: 5.8 lbs (2.65 Kg); Packaged: 10.5 lbs (4.75 Kg)
Shipping Dimensions	384 (L) x 322 (W) x 185 (H) mm / 15.12 (L) x 12.68 (W) x 7.28 (H) inches
Mounting Options	VESA 4-hole 75mm; Rear mount through bezel or with included mounting brackets (IT models); Flush mount with included mounting brackets (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	**All displays include:** VGA Cable, RJ45 OSD Remote, USB Touch 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

Ordering Information

Model	Part Number	Part Description	Technology	Interface	Surface Treatment	Video Interface	Availability
1291L	E175771	ET1291L-2UWA-0-MT-ZB-NPB-G	Projected Capacitive	USB	Clear	VGA & DP	Worldwide
	E175964	ET1291L-8CWA-1-ST-NPB-G	IntelliTouch	Dual serial/USB	Anti-Glare	VGA & DP	Worldwide

To find out more about our extensive range of Elo touch solutions, go to **elotouch.com**, or call the office nearest you.

North America		**Europe**	**Asia-Pacific**	**Latin America**
Elo Touch Solutions	800-ELO-TOUCH	Tel +32 (0)16 70 45 00	Tel +86 (21) 3329 1385	Tel +1 786-923-0251
1033 McCarthy Boulevard	Tel +1 408 597 8000	Fax +32 (0)16 70 45 49	Fax +86 (21) 3329 1400	Fax +1 305-931-0124
Milpitas, CA 95035	Fax +1 408 597 8001	elosales@elotouch.com	www.elotouch.com.cn	www.elotouch.com
	customerservice@elotouch.com			

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- "Designed for Touch" with proven Elo expertise and reliability
- Pure-glass touchscreen for optimal image quality
- 3 year warranty

1593L 15.6-inch Open-Frame Touch Displays

The Elo 1593L 15.6" 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. Featuring a brilliant wide viewing angle panel, the 1593L instantly grabs and holds the users' attention for kiosks, casino and amusement, retail self-service, and industrial automation.

This compact touch display is "designed for touch" with proven Elo expertise and reliability built in. The 1593L provides stable "drift-free" operation with outstanding image clarity and light transmission—for accurate touch responses and vivid images. The touchscreen is sealed against dirt, dust and liquids, which simplifies integration into the final enclosure. Long-lasting product availability can be expected as the design and tooling is controlled by Elo specifications.

Available with a choice of industry-leading touch technologies, in single- or multi-touch technology, including IntelliTouch® single-touch surface acoustic wave (SAW), and Elo's latest projected capacitive (PCAP) 2GS (two glass solution) multi-touch display with zero-bezel, offering both a ten touch "tablet like" interactive experience along with thru-glass functionality - both modes support single or dual latex gloves as well as cloth gloves.

At Elo, we design, build and are responsible for the complete solution with touch integrated from the start. We use our own touchscreens combined with our software and drivers, everything is designed to work together and tested as part of our life testing processes.

Worldwide agency approvals cover the whole display, which is developed, built, serviced and supported by a true single source supplier. The 1593L open-frame LCD touch display provides an economical solution for system integrators and VARs.

Benefits

- Choice of Elo touch technologies:
  Standard bezel: IntelliTouch SAW
  Zero-bezel: Projected capacitive
- PCAP 2GS (two glass solution) offers pristine optical clarity and touch durability
- Touchscreen sealed against dirt, dust and liquids
- LED backlighting allows for state-of-the-art slim design while reducing power consumption
- 10 touch projected capacitive (PCAP) with Thru-glass capabilities that passes UL-60950 & IK-07 Impact testing
- Display Port and VGA video interfaces

Application

- Casino and amusement games
- Retail self-service
- Kiosks
- Industrial Automation

About Elo

Elo founders pioneered the touchscreen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touch displays, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

1593L 15.6-inch Open-Frame Touch Display

Specifications	
Model	1593L
Color	Black
Active Display Area	344.23 x 193.54 mm / 13.55 x 7.62 inches
Diagonal	15.6"
Aspect Ratio	16:9
Dimensions	**Bezel:** 376.8 x 221.1 x 46.3 mm / 14.83 x 8.7 x 1.82 inches; **Zero-Bezel:** 394.7 x 242 x 43.4 mm / 15.54 x 9.53 x 1.71 inches
Native Resolution	1366 x 768 at 60Hz, 60Hz RB
Other Supported Resolutions	640 x 480 at 60Hz; 720 x 400 at 70Hz; 800 x 500 at 60Hz; 800 x 600 at 56, 60Hz; 1024 x 768 at 60Hz; 1280 x 800 at 60Hz; 1280 x 1024 at 60Hz
Colors	16.7 million
Brightness (typical)	LCD Panel: 300 nits; IntelliTouch: 270 nits; Projected Capacitive (PCAP): 270 nits
Response (typical)	10 msec
Viewing Angle	Horizontal: 80°/160°; Vertical: 80°/160°
Contrast Ratio	500:1
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
Input video format	Analog VGA and DisplayPort
Input video signal connector	Analog VGA on Female DB-15 connector DisplayPort V1.1a - Supports later versions of Display Port video input
Scanning frequency	Horizontal: 30 - 82 kHz; Vertical: 50 - 75 Hz
Power	**Monitor Input Power Connector:** Coaxial power jack (2.1mm pin outer diameter, 5.5mm barrel inner diameter) **Monitor Input Power Signal Specifications:** 12VDC +/- 5% **Power Brick Input Connector:** IEC 60320 C14 **Power Brick Input voltage range:** 100-240VAC, 50/60Hz
Power Consumption	ON (monitor + power brick): 15W 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: 6.7 lbs (3.02 Kg); Packaged: 10.2 lbs (4.62 Kg)
Shipping Dimensions	470 (L) x 331 (W) x 175 (H) mm / 18.5 (L) x 13.03 (W) x 6.89 (H) inches
Mounting Options	75 mm VESA mount; 2-hole mounting interface on all 4 sides; Rear mount (PCAP Models); Front mount with optional bezel kit (IT Models); Rack mount with optional bezel kit (IT Models); Flush mount with included brackets (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	**All displays include:** VGA Cable, RJ45 OSD Remote, USB Touch 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

Ordering Information

Model	Part Number	Part Description	Technology	Interface	Surface Treatment	Video Interface	Availability
1593L	E176938	ET1593L-2UWA-0-MT-ZB-NPB-G	Projected Capacitive	USB	Clear	VGA & DP	Worldwide
	E196874	ET1593L-8CWA-0-ST-NPB-G	IntelliTouch	Dual serial/USB	Clear	VGA & DP	Worldwide

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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- Pure glass touchscreens for optimal image quality
- Commercial durability
- 3 year warranty

2094L 19.5-inch LED Open-Frame Touchmonitor

The Elo 2094L 19.5" 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. Featuring a brilliant wide viewing angle panel, the 2094L instantly grabs and holds the users' attention for kiosks, casino and amusement, retail self-service, and industrial floor automation.

This compact touch display is "designed for touch" with proven Elo expertise and reliability built in. The 2094L provides stable "drift-free" operation with outstanding image clarity and light transmission—for accurate touch responses and vivid images. The touchscreen is sealed against dirt, dust and liquids, which simplifies integration into the final enclosure. Long-lasting product availability can be expected as the design and tooling is controlled by Elo specifications.

Available with a choice of industry-leading touch technologies, in single- or multi-touch technology, including

IntelliTouch® single-touch surface acoustic wave (SAW) touchscreen technology, and Elo's latest projected capacitive (PCAP) 2GS (two glass solution) multi-touch display with zero-bezel, offering both a ten touch "tablet like" interactive experience along with thru-glass functionality - both modes support single or dual latex gloves as well as cloth gloves.

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Worldwide agency approvals cover the whole display, which is developed, built, serviced and supported by a true single source supplier. The 2094L open-frame LCD touch display provides an economical solution for system integrators and VARs.
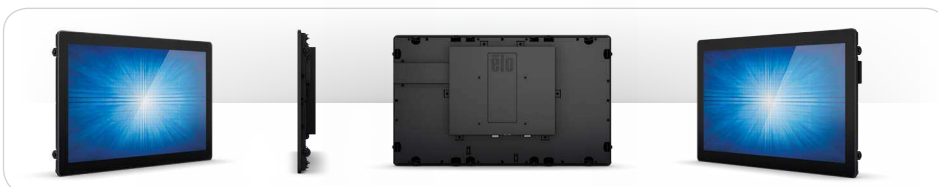
Benefits

- Choice of touch technology:
  - **Standard bezel:** IntelliTouch SAW
  - **Zero-bezel:** Projected capacitive
- LED backlighting allows for state-of-the-art slim design while reducing power consumption
- Mounting options include rack and front-mount
- Viewing angle of 178°(h) x 178° (v), for sharp colors and graphics in both portrait and landscape modes
- PCAP 2GS (two glass solution) offers pristine optical clarity and touch durability
- 10 touch projected capacitive (PCAP) with Thru-glass capabilities that passes UL-60950 & IK-07 Impact testing
- Display Port and VGA video interfaces

Application

- Casino and amusement games
- Retail self-service
- Kiosks
- Industrial Automation

About Elo

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2094L 19.5-inch Open-Frame Touch Display

Specifications	
Model	2094L
Color	Black
Active Display Area	434.9 x 238.7 mm / 17.12 x 9.40 inches
Diagonal	19.5"
Aspect Ratio	16:9
Dimensions	**Bezel:** 476 x 280.1 x 43.4 mm / 18.74 x 11.03 x 1.71 inches; **Zero-Bezel:** 479.2 x 285 x 40.5 mm / 18.87 x 11.22 x 1.59 inches
Native Resolution	1920x1080 at 50, 60Hz
Other Supported Resolutions	640x480 at 60Hz; 720x400 at 70Hz; 800x500 at 60Hz; 800x600 at 56, 60Hz; 1024x768 at 60Hz; 1280 x 800 60 Hz; 1280x1024 at 60Hz; 1366x768 at 60Hz, 60Hz RB; 1440x900 at 60Hz, 60Hz RB; 1680x1050 at 60Hz, 60Hz RB
Colors	16.7 million
Brightness (typical)	LCD Panel: 250 nits; IntelliTouch: 225 nits; Projected Capacitive (PCAP): 225 nits
Response (typical)	20ms
Viewing Angle	Horizontal: 89°/178°; Vertical: 89°/178°
Contrast Ratio	3000:1
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
Input video format	Analog VGA and DisplayPort
Input video signal connector	Analog VGA on Female DB-15 connector DisplayPort V1.1a - Supports later versions of Display Port video input
Scanning frequency	Horizontal: 30 - 82 kHz; Vertical: 50 - 75 Hz
Power	**Monitor Input Power Connector:** Coaxial power jack (2.1mm pin outer diameter, 5.5mm barrel inner diameter) **Monitor Input Power Signal Specifications:** 12VDC +/- 5% **Power Brick Input Connector:** IEC 60320 C14 **Power Brick Input voltage range:** 100-240VAC, 50/60Hz
Power Consumption	ON (monitor + power brick): 20W 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: 10.36 lb (4.7Kg); Packaged: 14.11 lb (6.4Kg)
Shipping Dimensions	575 (L) x 376 (W) x 185 (H) mm / 22.64 (L) x 14.8 (W) x 7.28 (H) inches
Mounting Options	100mm VESA mount; 2 Hole mounting interface on all four sides; Front mount with optional bezel kit (IT/AT/ST Models); Rack mount with optional kit (IT/AT/ST Models); Flush mount with included brackets (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	**All displays include:** VGA Cable, RJ45 OSD Remote, USB Touch 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

Ordering Information

Model	Part Number	Part Description	Technology	Interface	Surface Treatment	Video Interface	Availability
2094L	E179257	ET2094L-2UWA-0-MT-ZB-NPB-G	Projected Capacitive	USB	Clear	VGA & DP	Worldwide
	E197628	ET2094L-8CWA-0-ST-NPB-G	IntelliTouch	Dual serial/USB	Clear	VGA & DP	Worldwide

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- Sensitive touch performance with "Built for Touch" reliability
- Commercial durability
- 3 year standard warranty

2293L 22-inch Open-Frame Touch Display

The Elo 2293L 22" 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 2293L instantly grabs and holds the users' attention for kiosks, casino and amusement, retail self-service, and industrial floor automation.

This compact touch 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. The touchscreen is sealed against dirt, dust and liquids, which simplifies integration into the final enclosure. Long-lasting product availability can be expected as the design and tooling is controlled by Elo specifications.

Available with a choice of industry-leading touch technologies, in single-, dual- or multi-touch

technology, including IntelliTouch® Plus dual-touch surface acoustic wave (SAW) touchscreen technology, IntelliTouch single-touch SAW, and Elo's latest projected capacitive (PCAP) 2GS (two glass solution) multi-touch display with zero-bezel, offering both a ten touch "tablet like" interactive experience along with thru-glass functionality - both modes support single or dual latex gloves as well as cloth gloves.

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Worldwide agency approvals cover the whole display, which is developed, built, serviced and supported by a true single source supplier. The 2293L open-frame LCD touch display provides an economical solution for system integrators and VARs.
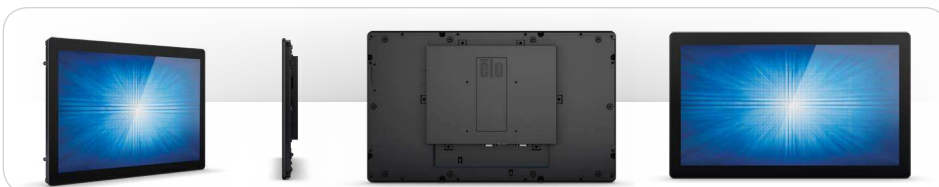
Benefits

- Choice of Elo touch technologies:
  Standard bezel: IntelliTouch SAW and IntelliTouch Plus SAW
  Zero-bezel: Projected capacitive
- PCAP 2GS (two glass solution) offers pristine optical clarity and touch durability
- High definition LCD display offers ultimate HD interactivity, clarity and resolution
- LED backlighting allows for state-of-the-art slim design while reducing power consumption
- 10 touch projected capacitive (PCAP) with Thru-glass capabilities that passes UL-60950 & IK-07 Impact testing
- Display Port and VGA video interfaces

Application

- Casino and amusement games
- Retail self-service
- Kiosks
- Industrial Automation

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2293L 22-inch Open-Frame Touch Display

Specifications	
Model	2293L
Color	Black
Active Display Area	476.6 x 268.1 mm / 18.76 x 10.55 inches
Diagonal	21.5"
Aspect Ratio	16:9
Dimensions	**Bezel:** 511.8 x 298.2 x 42 mm / 20.12 x 11.74 x 1.65 inches; **Zero-Bezel:** 516 x 311 x 37.9 mm / 20.31 x 12.24 x 1.49 inches
Native Resolution	1920 x 1080 at 50, 60 Hz
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
Colors	16.7 million
Brightness (typical)	LCD Panel: 250 nits; with IntelliTouch: 225 nits; with IntelliTouch Plus: 225 nits; with Projejcted Capacitive (PCAP): 225 nits
Response (typical)	5ms
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
Input video format	Analog VGA and DisplayPort
Input video signal connector	Analog VGA on Female DB-15 connector DisplayPort V1.1a - Supports later versions of Display Port video input
Scanning frequency	Horizontal: 30 - 82 kHz; Vertical: 50 - 75 Hz
Power	**Monitor Input Power Connector:** Coaxial power jack (2.1mm pin outer diameter, 5.5mm barrel inner diameter) **Monitor Input Power Signal Specifications:** 12VDC +/- 5% **Power Brick Input Connector:** IEC 60320 C14 **Power Brick Input voltage range:** 100-240VAC, 50/60Hz
Power Consumption	ON (monitor + power brick): 18W 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 (5.1kg); Packaged: 17.86 lbs (8.1kg)
Shipping Dimensions	620 (L) x 423 (W) x 190 (H) mm / 24.41 (L) x 16.65 (W) x 7.48 (H) inches
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 (IT/AT/ST Models); Rack mount with optional kit (IT/AT/ST Models); Flush mount with included brackets (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	**All displays include:** VGA Cable, RJ45 OSD Remote, USB Touch 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

Ordering Information

Model	Part Number	Part Description	Technology	Interface	Surface Treatment	Video Interface	Availability
2293L	E179647	ET2293L-2UWA-0-MT-ZB-NPB-G	Projected Capacitive	USB	Clear	VGA & DP	Worldwide
	E179842	ET2293L-8UWA-0-DT-NPB-G	IntelliTouch Plus	USB	Clear	VGA & DP	Worldwide
	E197833	ET2293L-8CWA-0-ST-NPB-G	IntelliTouch	Dual serial/USB	Clear	VGA & DP	Worldwide

![Elo logo]

- Multi-touch performance with "Built for Touch" reliability
- Commercial durability
- 3 year standard warranty

2294L 22-inch Open-Frame Touch Display

The Elo 2294L 22" 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. Featuring a brilliant wide viewing angle panel, the 2294L instantly grabs and holds the users' attention for kiosks, casino and amusement, retail self-service, and industrial floor automation.

This compact touch display is "designed for touch" with proven Elo expertise and reliability built in. The 2294L provides stable "drift-free" operation with outstanding image clarity and light transmission—for accurate touch responses and vivid images. The touchscreen is sealed against dirt, dust and liquids, which simplifies integration into the final enclosure. Long-lasting product availability can be expected as the design and tooling is controlled by Elo specifications.

Available with a choice of industry-leading touch technologies, in single-, dual- or multi-touch

technology, including IntelliTouch® Plus dual-touch surface acoustic wave (SAW) touchscreen technology, IntelliTouch single-touch SAW, and Elo's latest projected capacitive (PCAP) 2GS (two glass solution) multi-touch display with zero-bezel, offering both a ten touch "tablet like" interactive experience along with thru-glass functionality - both modes support single or dual latex gloves as well as cloth gloves.

At Elo, we design, build and are responsible for the complete solution with touch integrated from the start. We use our own touchscreens combined with our software and drivers, everything is designed to work together and tested as part of our life testing processes.

Worldwide agency approvals cover the whole display, which is developed, built, serviced and supported by a true single source supplier. The 2294L open-frame LCD touch display provides an economical solution for system integrators and VARs.
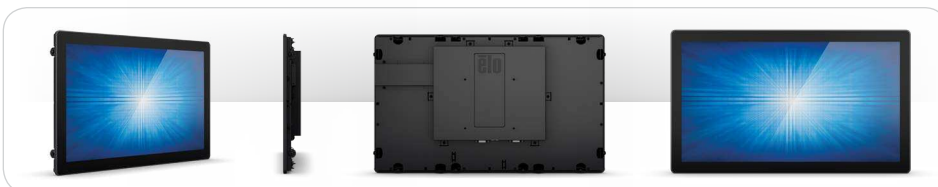
Benefits

- Choice of Elo touch technologies:
  Standard bezel: IntelliTouch SAW and IntelliTouch Plus SAW
  Zero-bezel: Projected capacitive
- High definition LCD display offers ultimate HD interactivity, clarity and resolution
- Viewing angle of 178°(h) x 178°(v), for sharp colors and graphics in both portrait and landscape modes
- LED backlighting allows for state-of-the-art slim design while reducing power consumption
- 10 touch projected capacitive with Thru-glass capabilities that passes UL-60950 & IK-07 Impact testing
- Display Port and VGA video interfaces

Application

- Casino and amusement games
- Retail self-service
- Kiosks
- Industrial Automation

About Elo

Elo founders pioneered the touchscreen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touch displays, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

2294L 22-inch Open-Frame Touchmonitor

Specifications	
Model	2294L
Color	Black
Active Display Area	476.6 x 268.1 mm / 18.76 x 10.55 inches
Diagonal	21.5"
Aspect Ratio	16:9
Dimensions	**Bezel:** 511.8 x 298.2 x 42 mm / 20.12 x 11.74 x 1.65 inches; **Zero-Bezel:** 516 x 311 x 37.9 mm / 20.31 x 12.24 x 1.49 inches
Native Resolution	1920 x 1080 at 50, 60 Hz
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
Colors	16.7 million
Brightness (typical)	LCD Panel: 250 nits; with IntelliTouch: 225 nits; with IntelliTouch Plus: 225 nits; with Projejcted Capacitive (PCAP): 225 nits
Response (typical)	14ms
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
Input video format	Analog VGA and DisplayPort
Input video signal connector	Analog VGA on Female DB-15 connector DisplayPort V1.1a - Supports later versions of Display Port video input
Scanning frequency	Horizontal: 30 - 82 kHz; Vertical: 50 - 75 Hz
Power	**Monitor Input Power Connector:** Coaxial power jack (2.1mm pin outer diameter, 5.5mm barrel inner diameter) **Monitor Input Power Signal Specifications:** 12VDC +/- 5% **Power Brick Input Connector:** IEC 60320 C14 **Power Brick Input voltage range:** 100-240VAC, 50/60Hz
Power Consumption	ON (monitor + power brick): 29W 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 (5.1kg); Packaged: 17.86 lbs (8.1kg)
Shipping Dimensions	620 (L) x 423 (W) x 190 (H) mm / 24.41 (L) x 16.65 (W) x 7.48 (H) inches
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 (IT/AT/ST Models); Rack mount with optional kit (IT/AT/ST Models); Flush mount with included brackets (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	**All displays include:** VGA Cable, RJ45 OSD Remote, USB Touch 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

Ordering Information

Model	Part Number	Part Description	Technology	Interface	Surface Treatment	Video Interface	Availability
2294L	E180249	ET2294L-2UWA-0-MT-ZB-NPB-G	Projected Capacitive	USB	Clear	VGA & DP	Worldwide
	E180436	ET2294L-8UWA-0-DT-NPB-G	IntelliTouch Plus	USB	Clear	VGA & DP	Worldwide
	E198034	ET2294L-8CWA-0-ST-NPB-G	IntelliTouch	Dual serial/USB	Clear	VGA & DP	Worldwide

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- Sensitive touch performance with "Built for Touch" reliability
- Pure-glass touchscreen for optimal image quality
- 3 year standard warranty

2494L 23.8-inch Open-Frame Touch Display

The Elo 2494L 23.8" 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. Featuring a brilliant wide viewing angle panel, the 2494L instantly grabs and holds the users' attention for kiosks, casino and amusement, retail self-service, and industrial automation.

This compact touch display is "designed for touch" with proven Elo expertise and reliability built in. The 2494L provides stable "drift-free" operation with outstanding image clarity and light transmission—for accurate touch responses and vivid images. The touchscreen is sealed against dirt, dust and liquids, which simplifies integration into the final enclosure. Long-lasting product availability can be expected as the design and tooling is controlled by Elo specifications.

Available with a choice of industry-leading touch technologies, in single-, dual- or multi-touch technology,

including IntelliTouch® Plus dual-touch surface acoustic wave (SAW) touchscreen technology, IntelliTouch single-touch SAW, iTouch® single-touch with zero-bezel, and Elo's latest projected capacitive (PCAP) 2GS (two glass solution) multi-touch display with zero-bezel, offering both a ten touch "tablet like" interactive experience along with thru-glass functionality - both modes support single or dual latex gloves as well as cloth gloves.

At Elo, we design, build and are responsible for the complete solution with touch integrated from the start. We use our own touchscreens combined with our software and drivers, everything is designed to work together and tested as part of our life testing processes.

Worldwide agency approvals cover the whole display, which is developed, built, serviced and supported by a true single source supplier. The 2494L open-frame LCD touch display provides an economical solution for system integrators and VARs.

Benefits

- Choice of touch technology:
  - **Standard bezel:** IntelliTouch SAW or IntelliTouch Plus SAW
  - **Zero-bezel:** Projected capacitive or iTouch
- Viewing angle of 178°(h) x 178°(v), for sharp colors and graphics in both portrait and landscape modes
- High definition LCD display offers ultimate HD interactivity, clarity and resolution
- PCAP 2GS (two glass solution) offers pristine optical clarity and touch durability
- 10 touch projected capacitive (PCAP) with Thru-glass capabilities that passes UL-60950 & IK-07 Impact testing
- Display Port and VGA video interfaces

Application

- Casino and amusement games
- Retail self-service
- Kiosks
- Industrial Automation

About Elo

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2494L 23.8-inch Open-Frame Touch Display

Specifications

Model	2494L
Color	Black
Active Display Area	527.04 x 296.46 mm / 20.75 x 11.67 inches
Diagonal	23.8"
Aspect Ratio	16:9
Dimensions	**Bezel:** 562.4 x 326.6 x 41.7 mm / 22.14 x 12.86 x 1.64 inches; **Zero-Bezel: iTouch -** 570.1 x 342 x 37.1 mm / 22.44 x 13.46 x 1.46 inches, **Projected Capacitive:** 569.2 x 341.1 x 37 mm / 22.41 x 13.43 x 1.46 inches
Native Resolution	1920x1080 50, 60Hz
Other Supported Resolutions	640x480 at 60Hz; 720x400 at 70Hz; 800x500 at 60Hz; 800x600 at 56, 60Hz; 1024x768 at 60Hz; 1280 x 800 60 Hz; 1280x1024 at 60Hz; 1366x768 at 60Hz, 60Hz RB; 1440x900 at 60Hz, 60Hz RB; 1680x1050 at 60Hz, 60Hz RB;
Colors	16.7 million
Brightness (typical)	LCD panel: 250 nits; iTouch: 225 nits; IntelliTouch: 225 nits; IntelliTouch Plus: 225 nits; Projected Capacitive (PCAP): 225 nits
Response (typical)	16 msec
Viewing Angle	Horizontal: 89°/178°; Vertical: 89°/178°
Contrast Ratio	3000:1
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
Input video format	Analog VGA and DisplayPort
Input video signal connector	Analog VGA on Female DB-15 connector DisplayPort V1.1a - Supports later versions of Display Port video input
Scanning frequency	Horizontal: 30 - 82 kHz; Vertical: 50 - 75 Hz
Power	**Monitor Input Power Connector:** Coaxial power jack (2.1mm pin outer diameter, 5.5mm barrel inner diameter) **Monitor Input Power Signal Specifications:** 12VDC +/- 5% **Power Brick Input Connector:** IEC 60320 C14 **Power Brick Input voltage range:** 100-240VAC, 50/60Hz
Power Consumption	ON (monitor + power brick): 26W 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: 14.1 lbs (6.39 Kg); Packaged: 19.3 lbs (8.75 Kg)
Shipping Dimensions	692 (L) x 452 (W) x 190 (H) mm / 27.24 (L) x 17.8 (W) x 7.48 (H) inches
Mounting Options	200x100mm VESA mount on rear of unit; 4 Hole mounting interface on all four sides. (IT/IT+ Models); Side mount with included "L" brackets ((IT/IT+ Models); Front mount with optional bezel kit (IT/IT+ Models); Flush mount with included brackets (PCAP/iTouch 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	**All displays include:** VGA Cable, RJ45 OSD Remote, USB Touch 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

Ordering Information

Model	Part Number	Part Description	Technology	Interface	Surface Treatment	Video Interface	Availability
2494L	E186076	ET2494L-2UWA-0-MT-ZB-NPB-G	Projected Capacitive	USB	Clear	VGA & DP	Worldwide
	E260233	ET2494L-4CWA-0-ST-ZB-NPB-G	ITouch	Dual serial/USB	Clear	VGA & DP	Worldwide
	E186258	ET2494L-8UWA-0-DT-NPB-G	IntelliTouch Plus	USB	Clear	VGA & DP	Worldwide
	E198236	ET2494L-8CWA-0-ST-NPB-G	IntelliTouch	Dual serial/USB	Clear	VGA & DP	Worldwide

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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- Sensitive touch performance with "Built for Touch" reliability
- Pure-glass touchscreen for optimal image quality
- 3 year standard warranty

2794L 27-inch Open-Frame Touch Display

The Elo 2794L 27" 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. Featuring a brilliant wide viewing angle panel, the 2794L instantly grabs and holds the users' attention for kiosks, casino and amusement, retail self-service, and industrial automation.
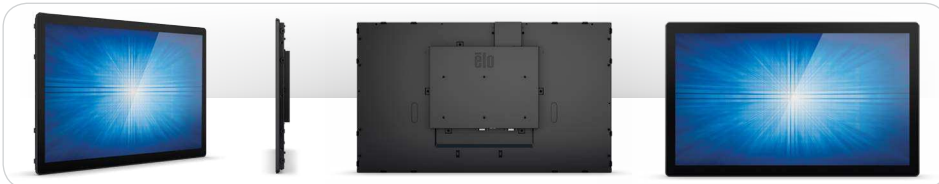
This compact touch display is "designed for touch" with proven Elo expertise and reliability built in. The 2794L provides stable "drift-free" operation with outstanding image clarity and light transmission—for accurate touch responses and vivid images. The touchscreen is sealed against dirt, dust and liquids, which simplifies integration into the final enclosure. Long-lasting product availability can be expected as the design and tooling is controlled by Elo specifications.

Available with a choice of industry-leading touch technologies, in single-, dual- or multi-touch technology,

including IntelliTouch® Plus dual-touch surface acoustic wave (SAW) touchscreen technology, IntelliTouch single-touch SAW, iTouch® single-touch with zero-bezel, and Elo's latest projected capacitive (PCAP) 2GS (two glass solution) multi-touch display with zero-bezel, offering both a ten touch "tablet like" interactive experience along with thru-glass functionality - both modes support single or dual latex gloves as well as cloth gloves.

At Elo, we design, build and are responsible for the complete solution with touch integrated from the start. We use our own touchscreens combined with our software and drivers, everything is designed to work together and tested as part of our life testing processes.

Worldwide agency approvals cover the whole display, which is developed, built, serviced and supported by a true single source supplier. The 2794L open-frame LCD touch display provides an economical solution for system integrators and VARs.

Benefits

- Choice of touch technology:
  - **Standard bezel:** IntelliTouch SAW or IntelliTouch Plus SAW
  - **Zero-bezel:** Projected capacitive or iTouch
- Viewing angle of 178°(h) x 178°(v), for sharp colors and graphics in both portrait and landscape modes
- High definition LCD display offers ultimate HD interactivity, clarity and resolution
- PCAP 2GS (two glass solution) offers pristine optical clarity and touch durability
- 10 touch projected capacitive (PCAP) with Thru-glass capabilities that passes UL-60950 & IK-07 Impact testing
- Intellitouch SAW models come standard with chemically strengthened glass and pass UL 60950 & IK-07 impact testing

Application

- Casino and amusement games
- Retail self-service
- Kiosks
- Industrial Automation

About Elo

Elo founders pioneered the touchscreen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touch displays, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

2794L 27-inch Open-Frame Touch Display

Specifications	
Model	2794L
Color	Black
Active Display Area	597.6 x 336.15 mm / 23.53 x 13.23 inches
Diagonal	27"
Aspect Ratio	16:9
Dimensions	**Bezel:** 633.2 x 374.4 x 41.8 mm / 24.93 x 14.74 x 1.65 inches; **Zero-Bezel:** 644.2 x 388.4 x 39.6 mm / 25.36 x 15.29 x 1.56 inches
Native Resolution	1920x1080 50, 60Hz
Other Supported Resolutions	640x480 at 60Hz; 720x400 at 70Hz; 800x500 at 60Hz; 800x600 at 56, 60Hz; 1024x768 at 60Hz; 1280 x 800 60 Hz; 1280x1024 at 60Hz; 1366x768 at 60Hz, 60Hz RB; 1440x900 at 60Hz, 60Hz RB; 1680x1050 at 60Hz, 60Hz RB; 1920 x 1080 at 50, 60HzB
Colors	16.7 million
Brightness (typical)	LCD panel: 300 nits; iTouch: 270 nits; IntelliTouch: 270 nits; IntelliTouch Plus: 270 nits; PCAP: 270 nits
Response (typical)	12ms
Viewing Angle	Horizontal: 89°/178°; Vertical: 89°/178°
Contrast Ratio	3000:1
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
Input video format	Analog VGA and DisplayPort
Input video signal connector	Analog VGA on Female DB-15 connector DisplayPort V1.1a - Supports later versions of Display Port video input
Scanning frequency	Horizontal: 30 - 82 kHz; Vertical: 50 - 75 Hz
Power	**Monitor Input Power Connector:** Coaxial power jack (2.1mm pin outer diameter, 5.5mm barrel inner diameter) **Monitor Input Power Signal Specifications:** 12VDC +/- 5% **Power Brick Input Connector:** IEC 60320 C14 **Power Brick Input voltage range:** 100-240VAC, 50/60Hz
Power Consumption	ON (monitor + power brick): 30W 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: 16.1 lb (7.3 Kg); Packaged: 22.27 lb (10.1 Kg)
Shipping Dimensions	782 (L) x 530 (W) x 200 (H) mm / 30.79 (L) x 20.87 (W) x 7.87 (H) inches
Mounting Options	200x100mm VESA mount on rear of unit; 4 Hole mounting interface on all four sides; Front mount with optional bezel kit (IT/AT/ST Models); Flush mount with included brackets (PCAP/iTouch/Non-Touch 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	**All displays include:** VGA Cable, RJ45 OSD Remote, USB Touch 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

Ordering Information

Model	Part Number	Part Description	Technology	Interface	Surface Treatment	Video Interface	Availability
2794L	E186635	ET2794L-2UWA-0-MT-ZB-NPB-G	Projected Capacitive	USB	Clear	VGA & DP	Worldwide
	E198424	ET2794L-4CWA-0-ST-ZB-NPB-G	ITouch	Dual serial/USB	Clear	VGA & DP	Worldwide
	E187031	ET2794L-8UWA-0-DT-NPB-G	IntelliTouch Plus	USB	Clear	VGA & DP	Worldwide
	E198623	ET2794L-8CWA-0-ST-NPB-G	IntelliTouch	Dual serial/USB	Clear	VGA & DP	Worldwide

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