

# 40 years ago we invented the touchscreen.

Today we're reinventing how people shop, pay, work and play.





Elo, a pioneer in touchscreen technology, manufactures a complete line of touchscreen solutions that simplify the interface between people and computers. Our solutions are designed for the demanding requirements of diverse markets and applications across the globe.

#### Leader in innovation and quality

We invented the touchscreen more than 40 years ago and we have been a pioneer of touch technology ever since. Today, our products feature some of the latest touchscreen technology and come in a wide variety of configurations and forms. Elo touchscreen products are state-of-the-art, with high-quality displays, stable, drift-free operation, consistent reliability and durability. And we pay attention to the tiniest details, so our customers consistently receive the best in engineering too.

#### Leader in touchscreen technology

Elo is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components as well as complete touchmonitors and all-in-one touchcomputers.

Our products are found in 80 countries across the globe in gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays and transportation applications.

#### Leader in service and support

We make doing business with us easy. Our sales team, service team and distribution partners are all organized to be fast, competent and close to you. Our teams and our partners' teams help ensure there is a technical support center or an office close to you with people who speak your language. And, our customization department is dedicated to developing bespoke solutions specific to your request.

- Over 40 years experience in the touchscreen industry
- Broad offering of touch technologies for virtually any application
- Consistently reliable, accurate, and durable products
- Stable, drift-free operation; scratch-resistant
- Recognized durability and performance

- Wide variety of configurations and form factors for design flexibility
- First-class service and support with worldwide sales people, sales partners, technical support and warehouses
- Custom solutions for special requirements
- Worldwide agency approvals

## An overview of our touch solutions



#### PayPoint®

- Available with Windows, Android or for iPad
- Sleek, modern style built to last
- Peripherals are built in rather than bolted on includes the register, cash drawer, MSR, barcode scanner, receipt printer and customer facing display
- Flip-for-signature touch screen and electronic receipt delivery



#### **Tablet**

- 10" Projected Capacitive (PCAP) touchscreen
- Rugged and connected
- Windows / Intel architecture
- Integrated MSR, barcode reader, smart card reader
- Docking station



#### **Desktop Touch Displays**

- Wide range of sizes from 7" to 24"
- Choice of touchscreen technologies, single touch & interactive touch
- Standard and wide-screen formats
- Models with seamless zero-bezel design (uninterrupted surface area)
- Base can be reversed or removed for wall-mount
- Retail, Hospitality and Healthcare models (certified globally)
- Integrated peripherals



#### **Open-frame and Wall-Mount Touch Displays**

- Wide range of sizes from 12" to 42"
- Multiple mounting options include rear-mount, VESA mount, panel-mount, front-mount and rack-mount
- Standard and wide-screen formats
- Integrated precision mini-bezel with watertight 0.5mm seal
- Compact and easy to integrate
- Choice of touchscreen technologies, single touch & interactive touch



#### **All-in-One Touchcomputers**

- 15", or 17", standard 4:3 aspect ratio; 15", 17", 19", 20", 22" wide-screen format
- Space-saving models with computing functionality integrated in the footprint of a standard LCD monitor and models designed for POS and healthcare applications
- Models with seamless zero-bezel design (uninterrupted surface area)
- Field-installable peripherals such as magnetic stripe reader, customer display, finger print reader and barcode scanner
- Choice of touchscreen technologies, single touch & multi-touch



#### **Interactive Digital Signage Displays**

- 10", 15", 22", 32", 42", 55" and 70"
- Optional field-installable computer modules in various configurations
- Wall-mount, optional stand for desktop use
- Landscape or portrait orientation
- Pure-glass touchscreens for superior image quality
- Choice of touchscreen technologies, single touch & multi-touch



#### **Components**

- Touchscreens, touchscreen controllers and drivers
- Wide range of sizes from small to large
- Touchscreen technologies include:
  5-Wire Resistive, Surface Acoustic Wave, Projected Capacitive (PCAP),
  Capacitive and Infrared



Standard touch solutions do not always address your specific needs. That's why Elo has the capability to develop specialized touch solutions specific to your environment.

With more than 40 years of experience and over 20 million touchscreen solutions installed across the globe we can develop exactly what you're looking for.

### All it takes is talking to us!

Working from your specifications, we can quickly develop unique products that integrate seamlessly into your system and environment. Our staff oversees all the details from prototyping through production.

With an in-house mechanical design and prototyping staff we design and build "proof-of-concept" models and even short-run production parts. And our in-house compliance engineering staff is knowledgeable in all agency issues.

# A touchscreen technology for every application

**Technology Applications Benefits** • Interactive multi-touch experience Retail & hospitality automation **Projected Capacitive**  Available in zero-bezel fully flat glass front Point-of-Information (POI) (PCAP) Ticketing machines No known wear-out mechanism Office automation • Fast, accurate performance • Point-of-Sale (POS) terminals Works with gloves Kiosks • Easy care and cleaning, dust and liquid • Pure glass construction delivers the ultimate Kiosks IntelliTouch® Surface in image quality Ticketing machines Acoustic Wave (SAW) • Stable, drift-free operation Gaming machines Continues to work even if scratched Light industrial Sensitive touch response Office automation • Interactive digital signage Point-of-Sale (POS) terminals • Stable, drift-free operation • Point-of-Sale (POS) terminals AccuTouch® • Broad input flexibility Voting machines **Five-wire Resistive** • Contamination resistance Industrial automation Accuracy in high-use applications Medical equipment Long product life Office automation Meets NEMA 4/4x/12 and IP 65 standards Retail automation Pharmacy automation • Tempered, heat or chemically strengthened ATMs SecureTouch® Ticketing machines **Anti-vandal Surface** • High impact resistance (about 2.5 times **Acoustic Wave** than IntelliTouch) • Meets UL-60950 ball drop test Privacy filter option

Elo has one of the widest portfolio of touchscreen technologies, each optimized for different operating characteristics and environments to suit your application requirements.

#### Technology **Benefits Applications** Multi-touch response Interactive digital signage Optical Touch Superb transparency and color fidelity Kiosks Self-service No wearing Works with any input device Education, museums High resolution and accuracy Gaming machines • Elo proprietary narrow Z-border for enhanced Point-of-Sale (POS) terminals **Surface Capacitive** linearity Gaming/Amusement • Fast, sensitive touch response with excellent Kiosk dragging performance Compatible with industry standard protocols including Elo SmartSet protocol • Low profile, high resolution Food processing CarrollTouch No parallax Industrial automation Infrared • High durability, vandal resistance, and safety Medical equipment Sealable from contaminants In-vehicle and transportation Operates in extreme environments Point-of-Sale (POS) terminals

## **Desktop Touchmonitor Product Portfolio**







1002L



1215L - 12"



700:1 350 nits 85°/170° 1.14 inches/29 mm Grey AccuTouch, IntelliTouch 500:1 200 nits 140°/100°

2.08 inches/53mm

Comments

Color

Touch technology

Panel brightness

Viewing angle

Thickness

Display ratio

For use as second customer display or main display for small-screen applications

1502L

AccuTouch, no touch

1.22 inches/31mm

200 nits

140°/100°





1517L and 1523L - 15"

Color Black Touch technology PCAP

700:1 Display ratio **Panel brightness** 300 nits Viewing angle 80°/160° Thickness 1.29 inches/33 mm

Comments

Grey

AccuTouch, IntelliTouch

700:1 250 nits 160°/140° 2.16 inches/55mm

Optional MSR

1515L - 15"

Black or white

1.96 inches/50mm

700:1

250 nits

AccuTouch, AccuTouch Zero-Bezel, IntelliTouch, IntelliTouch Zero-Bezel, PCAP 160°/140°

Optional MSR, customer display



1715L - 17"



1717L and 1723 - 17"

Color Touch technology

Grey

AccuTouch, IntelliTouch

Display ratio 800:1 **Panel brightness** 250 nits 160°/160° Viewing angle Thickness 2.24 inches/57mm

> Optional MSR Comments

AccuTouch, AccuTouch Zero-Bezel,

250 nits 170°/160° 1.96 inches/50mm

Optional MSR, customer display



1915L - 19"

Color

Touch technology

Panel brightness Viewing angle Comments

AccuTouch, IntelliTouch

Display ratio 1000:1 250 nits 160°/160° Thickness 2.40 inches/61mm



1919L - 19"

AccuTouch, IntelliTouch, IntelliTouch Zero-Bezel, PCAP

Wide-aspect (16:9); Speakers,

1000:1

250 nits

170°/160°

2.44 inches/62mm

field-installable MSR

Black

IntelliTouch, IntelliTouch Zero-Bezel, PCAP

2201L - 22"

1000:1 250 nits 170°/160°

2.08 inches/53mm Wide aspect (16:9); Optional MSR and

webcam; Speakers



1929LM - 19"



2401LM - 24"

White or black Color Touch technology AccuTouch, IntelliTouch

Display ratio 2000:1 Panel brightness Viewing angle 178°/178° Thickness 2.00 inches/51mm

> Comments For medical applications.

White or grey IntelliTouch 3000:1 300 nits 178°/178° 2.44 inches/62mm

For medical applications; Speakers

## **Open-frame Touchmonitor Product Portfolio**





1537L - 15"



1739L - 17"



800 x 600 at 60 Hz IntelliTouch

4:3 700:1 250 nits 160°/140°

1024 x 768 at 60 Hz AccuTouch, IntelliTouch, SecureTouch 5:4 1000:1 250 nits 170°/160°

1280 x 1024 at 60Hz AccuTouch, IntelliTouch, SecureTouch



Aspect ratio Contrast ratio Brightness (panel) Viewing angle Native resolution Touch technologiess





1541L - 15"



1938L - 19"



16:9 1000:1 250 nits 170°/160° 1366 x 768 at 60Hz IntelliTouch, IntelliTouch Zero-Bezel, PCAP



1937L and 1930L - 19"

Aspect ratio Contrast ratio Brightness (panel) Viewing angle Native resolution Touch technologies

Touch technologies

5:4 1000:1 250 nits 170°/160° 1280 x 1024 at 60Hz AccuTouch, IntelliTouch (1937L) IntelliTouch Zero-Bezel, PCAP (1930L)



1939L and 1931L - 19"

5:4 1000:1 250 nits 178°/178° 1280 x 1024 at 60Hz AccuTouch, IntelliTouch, SecureTouch (1939L) IntelliTouch Zero-Bezel, PCAP (1931L)



2243L - 22"

Aspect ratio Contrast ratio Brightness (panel) Viewing angle Native resolution Touch technologiess 16:9 1000:1 250 nits 170°/160° 1920 x 1080 at 60Hz IntelliTouch Zero-Bezel, PCAP



2244L - 22"

16:9 3000:1

250 nits

178°/178° 1920 x 1080 at 60Hz

IntelliTouch, IntelliTouch Zero-Bezel, PCAP

2440L - 24"



2740L - 27"

16:9 3000:1 300 nits 178°/178° 1920 x 1080 at 60Hz IntelliTouch, IntelliTouch Zero-Bezel



3243L - 32"



4243L - 42"

13

Aspect ratio Contrast ratio Brightness (panel) Viewing angle Native resolution Touch technologies

16:9 3000:1 350 nits 178°/178° 1920 x 1080 at 60Hz IntelliTouch, PCAP

16:9

3000:1

250 nits

178°/178°

1920 x 10800 at 60Hz

IntelliTouch Zero-Bezel, PCAP

16:9 4000:1 500 nits 178°/178° 1920 x 1080 at 60Hz IntelliTouch

### **Elo Tablet Product Portfolio**

Elo Tablet 10.1"

Intel® Atom™ 1.6GHz Dual-Core N2600 Processor 2GB DDR3 Memory

Operating systems No OS, Windows® 7 Touch technologies

Hard drive

Comments

32GB

Docking station with battery charging location. Integrated MSR, barcode reader (via rear facing auto focus camera), smart card reader, internal webcam, EMV ready. Optional docking station

## Elo PayPoint® Portfolio



Cash Drawer 4 bill trays, 5 coin compartments, 1 check slot, mechanical locking key

Thermal 2 1/4" (58mm); accepts 2-inch (50mm) thermal

**Bar Code Reader** 1D Scanner MSR 3-track encryptable set by software provider **Customer Facing** 2 line, 16 character display

> Communicates with a range of industry standard EMV devices

Software Works with PayPoint certified software



19C5 - 19" and 22C5 - 22"

Processor Intel Core™ 3.0GHz i5-3550\$ Memory 4GB DDR3 (expanable to 8GB) Hard drive

Operating systems Windows 7, Windows 8.1 Touch technologies IntelliTouch Zero-Bezel

Comments

Optional MSR, customer display, fingerprint reader, wireless, 2nd HDD, 7-inch rear-facing touch LCD



Windows 7 AccuTouch, IntelliTouch Zero-Bezel

Fanless, optional MSR, customer display, fingerprint reader, wireless, 2nd HDD, 7-inch rear-facing touch LCD



19C3 - 19" and 22C3 - 22"

Intel 3.3GHz i3-3220 (Ivy Bridge) 2GB DDR3 (upgradeable to 8GB)

AccuTouch, IntelliTouch Zero-Bezel, PCAP

Fanless, optional MSR, customer display, fingerprint reader, wireless, SSD, 2nd HDD, 7-inch touch LCD

15

## **All-in-One Touchcomputer Product Portfolio**







Printer

Display

EMV



X-20 - 20" Widescreen

Intel Celeron® 2.41 GHz Quad-Core J1900 / Intel Core i3 3.1 GHz 4350T; / Intel Core i5 2.0 GHz 4590T; / Intel

Core i7 2.7 GHz 4790T

Memory 2GB-16GB depending on processor

**Hard drive** 320GB or 500GB HDD, 128GB or 256GB SSD"

Operating systems No OS, Windows 7, POSReady 7, Windows 8.1, Windows 8.1 Retail, Win 10

AccuTouch, IntelliTouch, IntelliTouch Touch technologies

Zero-Bezel, PCAP (X20 available with PCAP only)

Comments WiFi/Bluetooth standard, Optional MSR, 2x20 customer display, fingerprinter reader, 1D bar code scanner, NFC reader, 2nd HDD (X3/5/7), rear facing display pole mount kit, I/O expansion module, wall mount kit













15E2 - 15"

Processor Memory Hard drive

Comments

Operating systems

Touch technologies

Intel 1.86GHz Atom Dual-Core N2800 2GB DDR3 (upgradeable to 4GB) SO-DIMM 320GB

15B2 - 15" and 17B2 - 17"

No OS, Windows 7

AccuTouch, IntelliTouch Zero-Bezel

Fanless, optional MSR, customer display, fingerprint reader, wireless, 2nd HDD, 7-inch rear-facing touch LCD

Intel 3.3GHz i3-3220 (Ivy Bridge) 2GB DDR3 (upgradeable to 8GB) SO-DIMM

15B3 - 15" and 17B3 - 17"

No OS. Windows 7 AccuTouch, IntelliTouch Zero-Bezel

Optional MSR, customer display, fingerprint reader, wireless, 2nd HDD, 7-inch rear-facing touch LCD

Intel 2.41 GHz J1800 2GB DDR3 (upgradeable to 4GB) 320GB HDD or 128GB SSD No OS, Windows 7, POSReady 7, Windows 8.1, Windows 8.1 Retail AccuTouch, IntelliTouch

Optional MSR, customer display, 2x20 customer display, 7-inch rear-facing

## Interactive Digital Signage (IDS) Product Portfolio



Black; portrait, landscape and tabletop 16:9; 1920 x 1080 (Full HD)

Wall mount with optional desktop stand 2.8" (72mm)

3000:1

Enclosure

Display ratio

Form factor

Contrast ratio

Viewing angle

Comments

Brightness (typical)

Touch technologies

Thickness

350 nits panel

178°/178°

IntelliTouch, PCAP

Optional webcam; VGA, HDMI display port video; four 5W speakers; NFC adapter, OPS kit, EloView Remote Management compatible



1501L - 15"

Black; portrait, landscape and tabletop 16:9; 1920 x 1080 (Full HD)

Wall mount with optional desktop stand 2.8" (72mm

3000:1

350 nits panel

178°/178°

IntelliTouch, PCAP

Optional webcam; VGA, HDMI display port video: four 5W speakers: NFC adapter. OPS kit, EloView Remote Management compatible



2201L - 22"

Black; portrait, landscape and tabletop 16:9; 1920 x 1080 (Full HD)

Wall mount with optional desktop stand 2.8" (72mm

3000:1

350 nits pane 178°/178°

IntelliTouch, Optical

Optional webcam; VGA, HDMI display port video; four 5W speakers; NFC adapter, OPS kit, EloView Remote Management compatible



**Android IDS Computer Module** 

Designed specifically for Elo's 1001L, 1501L, 2201L, 3201L, 4201L, 5501LT, and 7001LT models. No cables required; seamless docking integration.

AECM: Qualcomm® Snapdragon™ APQ8064 CPU, 2 GB RAM, 16 GB flash 4x USB 2.0 ports, 1 GB LAN, Wi-Fi 802.11 b/g/n, Bluetooth 4.0, Antenna Included

Snapdragon™ APQ8064 CPU, 2 GB RAM, 16 GB flash 4x USB 2.0 ports, 1 GB LAN, Wi-Fi 802.11b/g/n, Bluetooth 4.0, Antenna Included



#### **ECMG2B IDS Computer Modules**

Designed specifically for Elo's 3201L, 4201L, 5501LT, and 7001LT models. No cables required; seamless docking integration.

ECMG2B i3 Module. Intel® Core™ 4th Gen i3 3.4 GHz, HD4400 graphics, 2 GB RAM, 320 GB Hard Drive, Window 8.1, Windows 7, No O/S

ECMG2B i5 Module: Intel® Core™ 4th Gen i5 3.7 GHz, HD4600 graphics, 4 GB RAM, 320 GB Hard Drive, Window 8.1, Windows 7,

ECMG2B i7 Module Intel® Core™ 4th Gen i7 4.0 GHz, HD4600 graphics, 8 GB RAM, 320 GB Hard Drive Window 8.1, Windows 7,



Display ratio Form factor

**Enclosure** 

Comments

**Enclosure** 

Display ratio

Form factor

Contrast ratio

Viewing angle

Comments

Brightness (typical)

Touch technologies

Thickness

Thickness Contrast ratio Brightness (typical) Viewing angle Touch technologies

Black; portrait, landscape and tabletop

16:9; 1920 x 1080 (Full HD) Wall mount with optional desktop stand

2.8" (72mm)

350 nits panel

178°/178°

IntelliTouch, PCAP Optional webcam: VGA, HDMI display port video; four 5W speakers; NFC adapter, OPS kit,



4201L - 42"

Black or white; portrait, landscape and tabletop

16:9; 1920 x 1080 (Full HD)

Wall mount with optional desktop stand

700 nits panel

EloView Remote Management compatible OPS kit, EloView Remote Management



3.1" (78mm)

178°/178°

IntelliTouch, Optical

Optional webcam: VGA, HDMI display port video; four 5W speakers; NFC adapter, compatible



5501LT - 55"

Black; portrait or landscape capable

16:9; 1920 x 1080 (Full HD)

Wall mount 3.5" (89mm)

4000:1

700 nits

178°/178° Optical

Optional webcam: VGA, HDMI display port video; four 5W speakers; NFC adapter, OPS kit, EloView Remote Management compatible



Now, you can do it easily and securely with EloView. EloView software provides device setup, remote management, content scheduling, and the ability to securely upgrade the operating system, applications, and content.

#### Your Size, Your Style

Elo's large format products come with a variety of options. They can be a touch display, a computer, a wall-mounted unit or a bare-bones "kiosk-mounted" unit (32 or 42). They can be rugged single-touch or multi-touch.





#### **IT-Friendly**

Elo products come standard with a variety of peripherals, mounting and physical lockdown options that will delight your IT team. Additionally, we partner with a number of mobile device management ("MDM") and Content Management (CMS) partners.

#### Operate Your Way

Most products are available with Windows and Android computer options – with support for many other operating systems such as Linux, Chrome OS and Mac OS.

17



5551L 4K - 55"

Black; portrait or landscape capable 16:9; 1920 x 1080 (Full HD)

700 nits 178°/178°

Optical

Optional webcam; VGA, HDMI display port video; four 5W speakers; NFC adapter, OPS kit, EloView Remote Management compatible



7001LT - 70"

Black; portrait or landscape capable 16:9; 1920 x 1080 (Full HD)

Wall mount

3.7" (94mm) 5000:1

500 nits panel

176°/176° Infrared

Optional webcam; VGA, HDMI display port video; four 5W speakers; NFC adapter, OPS kit, EloView Remote Management compatible





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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