

40 years ago we invented the touchscreen. Today we're reinventing how people shop, pay, work and play.

www.elotouch.com







- Customer database
- Inventory management
- Cloud backup

- Live support
- 3 year advance replacement warranty

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VISA DISCOVER





# **New From Elo**



# Elo X-Series All-in-One Touchcomputer

- Configurable performance designed for years of reliable service
- Modern style that works as good as it looks
- Embrace new forms of payment
- Engage shoppers with customer-facing displays
- 3 year warranty



## Elo E-Series All-in-One Touchcomputer

- Award-winning industrial design
- Compact, ruggedized touchcomputer
- Customer-installable peripherals
- Intel Celeron Dual-Core

### Why work with a leader?

Elo Touch Solutions, a pioneer in touchscreen technology, manufactures a complete line of touch 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

As an inventor of touchscreen technology more than 40 years ago, we have been a pioneer ever since. Today, all our products are designed for touch and come in a wide variety of configurations and forms. Elo Touch Solutions 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 Touch Solutions is a leading global supplier of touchenabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touchmonitors, 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.

#### Leader in service and support

Doing business with us is easy. Our sales and service teams, as well as our distribution partners, are organized to be fast, competent and close to you. Our teams and our partners' teams take care that there is a technical support center or an office nearby, with people who speak your language. And last, but not least, our customization department is dedicated to developing tailor-made solutions at your request.

- 40 years experience in the touchscreen industry
- Broadest 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





#### Components

- Touchscreens, touchscreen controllers and drivers
- Wide range of sizes from small to large
- Touchscreen technologies include: Acoustic Pulse Recognition, 5-Wire Resistive, Surface Acoustic Wave, Projected Capacitive, Capacitive, Infrared and technologies for handheld and mobile applications

#### **Tablet**

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



#### **Desktop touchmonitors**

- Wide range of sizes from 7" to 24"
- Entry-level, multi-function and healthcare models
- Standard and wide-screen formats
- Models with seamless zero-bezel design (uninterrupted surface area)
- Base can be reversed or removed for wall-mount
- Multifunction units with optional peripherals
- Choice of touchscreen technologies, single touch & multi-touch



#### Open-frame and wall-mount touchmonitors

- 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 & multi-touch



#### All-in-One touchcomputers

- 15", 17", 19" and 22"; standard and wide-screen formats
- 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

- 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



### Turn opportunities into reality with our custom solutions

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

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

### All it takes is talking to us!

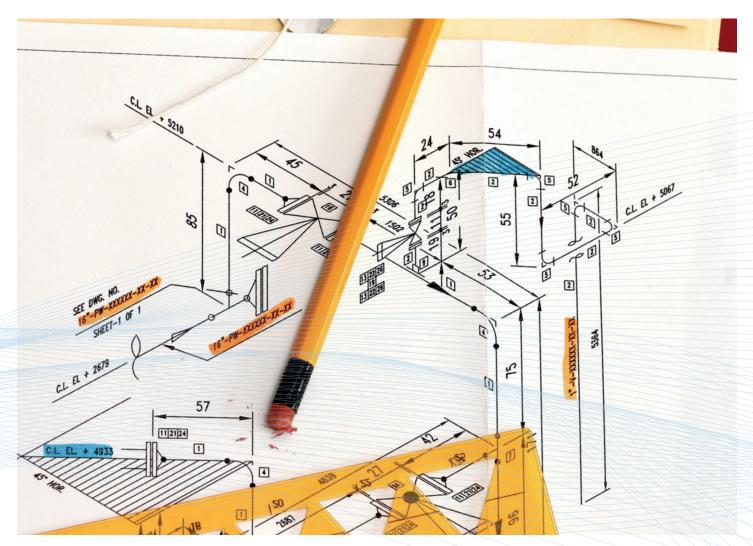
Working from your specifications, we can quickly develop unique products that integrate seamlessly into your system and environment. Our staff oversees all the details from prototyping through production.

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.

#### Some examples of our customization options:

- Different screen sizes and configurations
- Custom finishes and colors
- Private labeling
- Custom enclosures
- Sealing and shielding

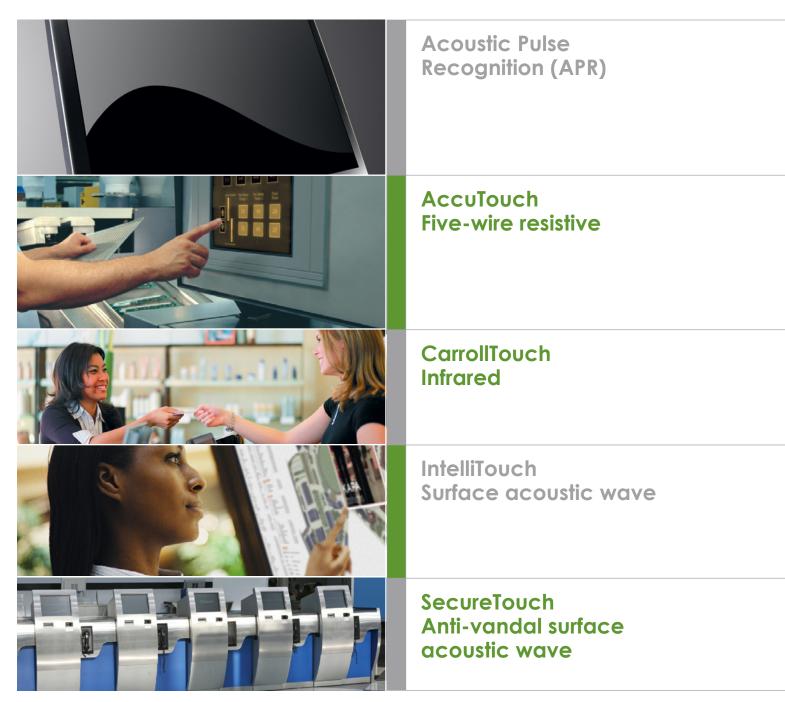
- Special cabling
- Global agency certifications: UL, CSA, cUL, FCC, CE, CISPR, CTICK, VDE, and TÜV
- ... or any other customization you need



### Notes

### A touchscreen technology for every application

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



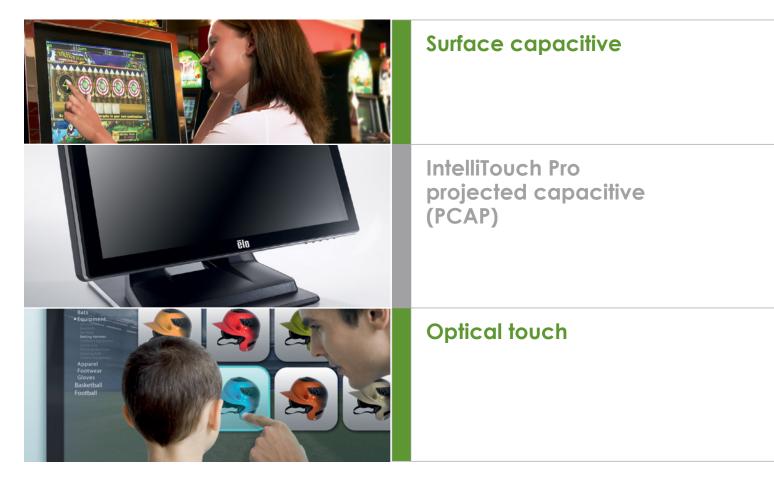
#### Technology

### **Benefits**

### Applications

<ul> <li>Optics and durability of pure glass</li> <li>Works with finger, glove, pen, credit card</li> <li>Resistant to water, dust, grease</li> <li>No wear-out mechanism</li> <li>Works even with scratches</li> <li>Zero-bezel design</li> <li>Small and large sizes</li> </ul>	<ul> <li>Restaurant and hospitality automation</li> <li>Point-of-Sale (POS) terminals</li> <li>Pharmacy automation</li> <li>Industrial automation</li> <li>Office automation</li> <li>Interactive digital signage</li> <li>Portable devices</li> </ul>
<ul> <li>Stable, drift-free operation</li> <li>Broad input flexibility</li> <li>Contamination resistance</li> <li>Accuracy in high-use applications</li> <li>Long product life</li> <li>Meets NEMA 4/4x/12 and IP 65 standards</li> </ul>	<ul> <li>Point-of-Sale (POS) terminals</li> <li>Voting machines</li> <li>Industrial automation</li> <li>Medical equipment</li> <li>Office automation</li> <li>Retail automation</li> <li>Pharmacy automation</li> </ul>
<ul> <li>Low profile, high resolution</li> <li>No parallax</li> <li>High durability, vandal resistance, and safety</li> <li>Sealable from contaminants</li> <li>Operates in extreme environments</li> </ul>	<ul> <li>Food processing</li> <li>Industrial automation</li> <li>Medical equipment</li> <li>In-vehicle and transportation</li> <li>Point-of-Sale (POS) terminals</li> </ul>
<ul> <li>Pure glass construction delivers the ultimate in image quality</li> <li>Stable, drift-free operation</li> <li>Continues to work even if scratched</li> <li>Sensitive touch response</li> </ul>	<ul> <li>Kiosks</li> <li>Ticketing machines</li> <li>Gaming machines</li> <li>Light industrial</li> <li>Office automation</li> <li>Interactive digital signage</li> </ul>
<ul> <li>Tempered, heat or chemically strengthened glass</li> <li>High impact resistance (about 2.5 times stronger than IntelliTouch)</li> <li>Meets UL-60950 ball drop test</li> <li>Privacy filter option</li> </ul>	<ul><li>ATMs</li><li>Ticketing machines</li><li>Kiosks</li></ul>

### A touchscreen technology for every application



### Technology

#### **Benefits**

### **Applications**

- Elo proprietary narrow Z-border for enhanced linearity
- Fast, sensitive touch response with excellent dragging performance
- Compatible with industry standard protocols including Elo SmartSet protocol
- Point-of-Sale (POS) terminalsGaming/Amusement
- Kiosks

- Dual-touch
- Available in zero-bezel fully flat glass front surface
- No known wear-out mechanism
- Fast, accurate performance
- Works with gloves
- Easy care and cleaning, dust and liquid resistance
- Multi-touch response: up to 4 touches
- Superb transparency and color fidelity
- No wearing
- Works with any input device
- High resolution and accuracy

- Retail & hospitality automation
- Point-of-Information (POI)
- Ticketing machines
- Office automation
- Kiosks
- Interactive digital signage
- Kiosks
- Self-service
- Education, museums
- Gaming machines

### **Desktop Touchmonitor Product Portfolio**







1515L - 15"

0700L - 7"

1215L - 12"

Color Contrast ratio Brightness (panel) Viewing angle Touch technologies

Comments

Black 500:1 200 nits 140°/100° AccuTouch, no touch

For use as second customer display or main display for small-screen applications 500:1 200 nits 140°/100° AccuTouch, IntelliTouch

Grey

Grey or beige 500:1 250 nits 140°/125° AccuTouch, IntelliTouch, IntelliTouch Pro Optional MSR



1517L – 15"



1519L - 15"



1523L - 15"

Color Contrast ratio Brightness (panel) Viewing angle **Touch technologies** 

Comments

Black or white 700:1 250 nits 160°/140° AccuTouch, AccuTouch Zero-Bezel, IntelliTouch, IntelliTouch Zero-Bezel Optional MSR, customer display

Grey 500:1 250 nits 90°/65° AccuTouch, IntelliTouch, IntelliTouch Zero-Bezel, IntelliTouch Pro Optional MSR

Black or white 700:1 250 nits 160°/140° IntelliTouch Zero-Bezel

Optional MSR, RFID reader, customer display, webcam



1529L - 15"

1715L - 17"

Color Contrast ratio Brightness (panel) Viewing angle Touch technologies

Comments

Grey or beige 500:1 350 nits 140°/120° AccuTouch, IntelliTouch MSR, tall or short base

Grey 800:1 250 nits 160°/160° AccuTouch, IntelliTouch, IntelliTouch Pro Optional MSR

1717L - 17"

Black or white 1000:1 250 nits 170°/160° AccuTouch, AccuTouch Zero-Bezel, IntelliTouch, IntelliTouch Zero-Bezel Optional MSR, customer display



#### 1723L - 17"

1729L - 17"

Grey or beige 1000:1 300 nits 160°/160° AccuTouch, IntelliTouch MSR, speakers



1900L - 19"

Color Contrast ratio Brightness (panel) Viewing angle Touch technologies Comments

Black or white 800:1 250 nits 170°/160° IntelliTouch Zero-Bezel Optional MSR, RFID reader, customer display, webcam Grey or beige 1000:1 250 nits 160°/160° IntelliTouch Speakers; Wide-aspect (16:10); Also available in 22" (2200L)







2201L - 22"

1915L - 19"

#### 1919L - 19"

Black 1000:1 250 nits 170°/160° AccuTouch, IntelliTouch, IntelliTouch Zero-Bezel, IntelliTouch Pro IntelliTouch, IntelliTouch Zero-Bezel, IntelliTouch Pro Wide aspect (16:9); Optional MSR and webcam; Speakers Wide-aspect (16:9); Speakers, field-installable MSR

Color Contrast ratio Brightness (panel) Viewing angle Touch technologies Grey 1000:1 300 nits 160°/155° AccuTouch, IntelliTouch

Comments



#### 1919LM - 19"

1928L - 19"

2401LM - 24" White or grey 3000:1

300 nits

178°/178°

Color Contrast ratio Brightness (panel) Viewing angle **Touch technologies** 

Comments

White 1000:1 300 nits 170°/160° AccuTouch, IntelliTouch, IntelliTouch Pro For medical applications; Also available in 15" (1519LM); Speakers

Grey or beige 1300:1 300 nits 178°/178° AccuTouch, IntelliTouch

Grey

1000:1

250 nits

170°/160°

For medical applications; Also available in 15" (1528L) IntelliTouch

For medical applications; Speakers

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



1247L - 12"



1537L - 15"



1739L - 17"

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

4:3 800:1 450 nits 160°/140° 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







1541L - 15"

#### 1937L and 1930L - 19"

1939L and 1931L - 19"

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

16:9 500:1 250 nits 170°/130° 1366 x 768 at 60Hz AccuTouch, IntelliTouch



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



2239L - 22"

1938L - 19"

16:10

1000:1

250 nits

160°/160°

1440 x 900 at 60Hz

IntelliTouch, SecureTouch

Aspect ratio

Contrast ratio Brightness (panel)

Viewing angle

Native resolution

Touch technologies

1940L - 19"

1000:1 250 nits 170°/160° 1366 x 768 at 60Hz IntelliTouch, IntelliTouch Pro

16:9

16:10 1000:1 300 nits 170°/160° 1680 x 1050 at 75Hz IntelliTouch

#### 14







2244L - 22"

#### 2240L – 22"

2243L – 22"

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

16:10 1000:1 400 nits 178°/178° 1680 x 1050 at 60Hz IntelliTouch

16:9 1000:1 250 nits 170°/160° 1920 x 1080 at 60Hz IntelliTouch, IntelliTouch Pro 16:9 1000:1 250 nits 178°/178° 1920 x 1080 at 60Hz IIntelliTouch, IntelliTouch Pro







2440L - 24"

#### 2740L - 27"

178°/178° 1920 x 1080 at 60Hz

16:9

3000:1

300 nits

IntelliTouch

3243L - 32"

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

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

16:9 3000:1 250 nits 178°/178° 1920 x 10800 at 60Hz IntelliTouch, IntelliTouch Zero-Bezel, IntelliTouch Pro



#### 4243L - 42"

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

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

### **Elo Tablet Product Portfolio**



#### Elo Tablet 10.1"

Processor Memory Hard drive Operating systems Touch technologies Comments Intel 1.6GHz Atom Dual-Core N2600 2GB DDR3 32GB No OS, Windows 7 IntelliTouch Pro 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

### All-in-One Touchcomputer Product Portfolio







#### 15B2 – 15" and 17B2 – 17"

#### 15B3 – 15" and 17B3 – 17"

Processor Memory Hard drive Operating systems Touch technologies Intel 1.86GHz Atom Dual-Core N2800 2GB DDR3 (upgradeable to 4GB) SO-DIMM 320GB No OS, Windows 7 AccuTouch, IntelliTouch Zero-Bezel

Comments 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 320GB No OS, Windows 7 AccuTouch, IntelliTouch Zero-Bezel

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

#### X-15 – 15" and X-17 – 17"

Intel 2.41GHz Quad-Core J1900 2GB or 4GB DDR3 320GB, 500GB Windows 7, POSReady 7 AccuTouch, IntelliTouch, IntelliTouch Zero-Bezel, IntelliTouch Pro

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



#### X-15 – 15" and X-17 – 17"

#### X-15 – 15" and X-17 – 17"

Processor Memory Hard drive Operating systems Touch technologies

Comments

8GB or 16GB DDR3 320GB, 500GB Windows 7, POSReady 7 AccuTouch, IntelliTouch, IntelliTouch Zero-Bezel, IntelliTouch Pro Optional MSR, customer display, fingerprint reader, wireless, 2nd HDD, 7-inch rear-facing touch LCD

Intel i3 3.1 GHz Dual-Core 4350T

Intel i5 2.0GHz Dual-Core 4590T 8GB or 16GB DDR3 320GB, 500GB Windows 7, POSReady 7 AccuTouch, IntelliTouch, IntelliTouch Zero-Bezel, IntelliTouch Pro

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



#### X-15 – 15" and X-17 – 17"

Intel i7 2.7GHz Dual-Core 4790T 8GB or 16GB DDR3 320GB, 500GB Windows 7, POSReady 7 AccuTouch, IntelliTouch, IntelliTouch Zero-Bezel, IntelliTouch Pro Optional MSR, customer display, fingerprint reader, wireless, 2nd HDD, 7-inch rear-facing touch LCD



2GB DDR3 (upgradeable to 4GB)

Optional MSR, customer display,

7-inch rear-facing touch LCD

fingerprint reader, wireless, 2nd HDD,

Intel 2.41GHz J1800

AccuTouch, IntelliTouch

320GB

POSReady 7

Processor Memory

Hard drive

Comments

Processor Memory

Hard drive

Comments

**Operating systems** 

Touch technologies

320GB

Windows 7

**Operating systems** 

Touch technologies

#### 15E2 – 15"



#### 19C5 - 19" and 22C5 - 22"

Intel Core 3.0GHz i5-3550S 4GB DDR3 (expanable to 8GB) 320GB Windows 7, Windows 8.1

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



#### 15D1 – 15"

Intel 2.5GHz Celeron Dual-Core G540 2GB DDR3 (upgradeable to 16GB) 320GB

No OS, Windows 7 AccuTouch, IntelliTouch

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







#### 19C2 – 19" and 22C2 – 22"

Intel Atom 1.86GHz Dual-Core N2800

2GB DDR3 (upgradeable to 4GB)

AccuTouch, IntelliTouch Zero-Bezel

7-inch rear-facing touch LCD

Fanless, optional MSR, customer display, fingerprint reader, wireless, 2nd HDD,

#### 19C3 – 19" and 22C3 – 22"

Intel 3.3GHz i3-3220 (Ivy Bridge) 2GB DDR3 (upgradeable to 8GB) 320GB Windows 7 AccuTouch, IntelliTouch Zero-Bezel

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

#### 19CM2 - 19" and 22CM2 - 22"

Intel 1.66GHz Atom Dual-Core D510 2GB (upgradeable to 4GB) 320GB Windows 7 AccuTouch, IntelliTouch, IntelliTouch Zero-Bezel For medical applications. Also available with Intel 3.0GHz Core 2 Duo E8400.





#### 19CM3 – 19" and 22CM3 – 22"

#### VuPoint M-Series - 19"

Processor Memory Hard drive Operating systems Touch technologies

Comments

Intel 3.0GHz Core 2 Duo E8400 2GB (upgradeable to 4GB) 320GB Windows 7 AccuTouch, IntelliTouch, IntelliTouch Zero-Bezel For medical applications. Intel 1.1GHz Celeron Dual Core 847E 4GB DDR3 320GB No OS, Windows 7 IntelliTouch Pro (AccuTouch on request) For medical applications. Also available in 15" with Intel 1.8GHz Dual Core Atom D525.

### Interactive Digital Signage (IDS) Product Portfolio







5501L - 55"

#### 3201L – 32"

#### 4201L – 42"

Black; portrait or landscape capable

Display ratio Form factor Thickness Contrast ratio Brightness (typical) Viewing angle Touch technologies Comments

Enclosure

Black; portrait, landscape and tabletop capable 16:9; 1920 x 1080 (Full HD) Wall mount with optional desktop stand 2.8" (72mm) 3000:1 350 nits panel 178°/178° IntelliTouch, IntelliTouch Pro Optional webcam; VGA, HDMI display port video; four 5W speakers; NFC adapter, OPS kit, EloView Remote Management compatible Black or white; portrait, landscape and tabletop capable 16:9; 1920 x 1080 (Full HD) Wall mount with optional desktop stand 3.1" (78mm) 4000:1 700 nits panel 178°/178° IntelliTouch, Optical

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

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



# **New From Elo**



## The Elo IntelliTouch® Curve Touchscreen Solution

Delivers full HD resolution and clear glass optical clarity using professional-grade components built for continuous use in public environments.

### Nothing Like It!

- Pure-glass construction for excellent image clarity, resolution, and light transmission
- Sleek, modern design supporting touchscreens that curve towards the user or wrap around columns
- Single or two-touch interface
- Available in 32" and 42" screen sizes
- Compatible with Microsoft Windows 8.1
   and certified for Microsoft Windows 7
- Patented IntelliTouch surface acoustic wave (SAW) touch technology



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

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