



elo TOUCH SOLUTIONS

Designed for touch





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

We have such a wide range of touchscreen technologies we suit virtually any application. For decades, Elo Touch Solutions products have been successfully installed in applications such as cash registers, kiosks, vending machines, process automation or control, medical applications like pharmacies, hospitals and doctor's offices, ATM machines, web phones, and so on. The list is endless...



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 centre 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
- Long, worldwide warranties
- 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



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



Chassis and wall mount touchmonitors

- Wide range of sizes from 12" to 32"
- 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 format
- Space-saving models with computing functionality integrated in the footprint of a standard LCD monitor and models designed for POS 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", 46" and 55"
- Optional field-installable computer module
- 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.

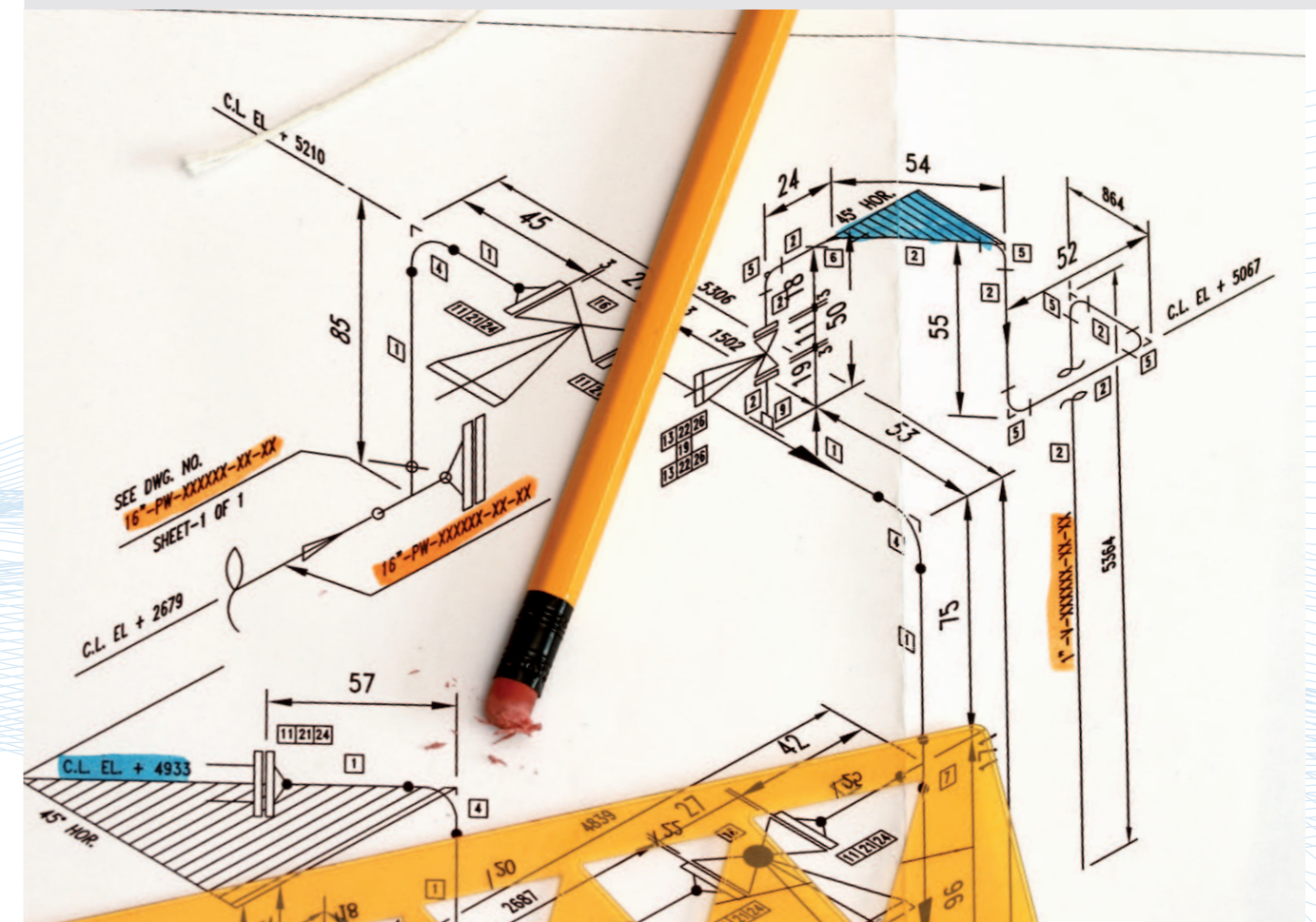
All it takes is talking to us!

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.

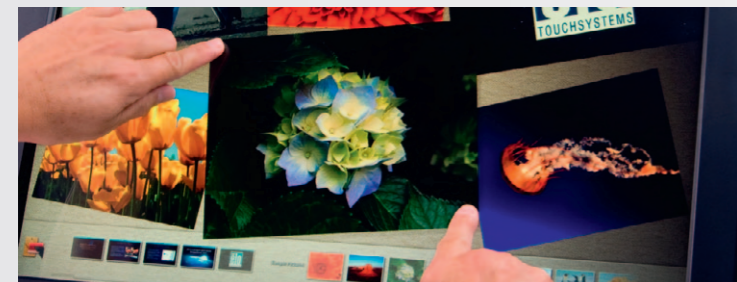







A touchscreen technology for every application

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
	<h2>Acoustic Pulse Recognition (APR)</h2>	<ul style="list-style-type: none"> Optics and durability of pure glass Works with finger, glove, pen, credit card Resistant to water, dust, grease No wear-out mechanism Works even with scratches Zero-bezel design Small and large sizes 	<ul style="list-style-type: none"> Restaurant and hospitality automation Point-of-Sale (POS) terminals Pharmacy automation Industrial automation Office automation Interactive digital signage Portable devices
	<h2>AccuTouch Five-wire resistive</h2>	<ul style="list-style-type: none"> Stable, drift-free operation Broad input flexibility Contamination resistance Accuracy in high-use applications Long product life Meets NEMA 4/4x/12 and IP 65 standards 	<ul style="list-style-type: none"> Point-of-sale (POS) terminals Voting machines Industrial automation Medical equipment Office automation Retail automation Pharmacy automation
	<h2>AccuTouch Zero-bezel</h2>	<ul style="list-style-type: none"> Same stable, accurate performance and specifications as Standard AccuTouch Eliminates the traditional front bezel that can collect dust and dirt Enables easy integration Reduces material costs as well as supply chain and process complexity 	<ul style="list-style-type: none"> Human Machine Interface (HMI) applications (same as standard AccuTouch)
	<h2>CarrollTouch Infrared</h2>	<ul style="list-style-type: none"> Low profile, high resolution No parallax High durability, vandal resistance, and safety Sealable from contaminants Operates in extreme environments 	<ul style="list-style-type: none"> Food processing Industrial automation Medical equipment In-vehicle and transportation Point-of-sale terminals
	<h2>IntelliTouch Surface acoustic wave</h2>	<ul style="list-style-type: none"> Pure glass construction delivers the ultimate in image quality Stable, drift-free operation Continues to work even if scratched Sensitive touch response 	<ul style="list-style-type: none"> Kiosks Ticketing machines Gaming machines Light industrial Office automation Interactive digital signage
	<h2>SecureTouch Anti-vandal surface acoustic wave</h2>	<ul style="list-style-type: none"> Tempered, heat or chemically strengthened glass High impact resistance (about 2.5 times stronger than IntelliTouch) Meets UL-60950 ball drop test Privacy filter option 	<ul style="list-style-type: none"> ATMs Ticketing machines Kiosks

A touchscreen technology for every application

	Technology	Benefits	Applications
	<p>IntelliTouch Plus Surface acoustic wave with multi-touch capability</p>	<ul style="list-style-type: none"> Windows 7 Additional Qualification (AQ) compliant for multi-touch interactivity Pure glass construction delivers the ultimate in image quality Fast, accurate dual-touch response Overcomes drawbacks of other multi-touch technologies such as ambient light variances 	<ul style="list-style-type: none"> Kiosks Gaming machines Interactive digital signage
	<p>iTouch Zero-bezel surface acoustic wave</p>	<ul style="list-style-type: none"> Completely flat touchscreen, sleek and refined appearance No bezel required for easy integration Same fast, accurate and stable performance as IntelliTouch 	<ul style="list-style-type: none"> Kiosks Ticketing machines Gaming machines Gaming and amusement Office automation Interactive digital signage
	<p>iTouch Plus Zero-bezel surface acoustic wave with multi-touch capability</p>	<ul style="list-style-type: none"> Same as for IntelliTouch Plus and iTouch 	<ul style="list-style-type: none"> Same as for IntelliTouch Plus and iTouch
	<p>Surface capacitive</p>	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Point-of-Sale terminals (POS) Gaming/Amusement Kiosks
	<p>Projected capacitive (PCAP)</p>	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Retail & hospitality automation Point-of-information Ticketing machines Office automation Kiosks
	<p>Optical touch</p>	<ul style="list-style-type: none"> Multi-touch response: up to 4 touches Superb transparency and color fidelity No wearing Works with any input device High resolution and accuracy 	<ul style="list-style-type: none"> Interactive digital signage Kiosks Self-service Education, musea Gaming machines

Desktop Touchmonitor Product Portfolio



0700L – 7"

Colour
Contrast ratio
Brightness cd/m²
Viewing angle
Technologies*

Black
500:1
200
140°:100°
AT, no touch

Comments

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



1215L – 12"

Grey
500:1
200
140°:100°
AT, IT



1509L – 15"

Black
300:1
cd/m² 220
80°:40°
IntelliTouch

Field-installable MSR



1717L – 17"

Colour
Contrast ratio
Brightness cd/m²
Viewing angle
Technologies*

Black or white
800:1
cd/m² 250
170°:160°
iTouch, AccuTouch

Comments

Optional MSR, customer display



1729L – 17"

Grey or beige
1000:1
300
160°:160°
APR, AT, IT, MSR

Fingerprint reader, rear display, speakers, barcode scanner



1900L – 19"

Grey or beige
1000:1
250
160°:160°
Zero-Bezel APR, IT

Wide-aspect (16:10)
Also available in 22" (2200L)



1515L – 15"

Colour
Contrast ratio
Brightness cd/m²
Viewing angle
Technologies*

Grey or beige
500:1
250
140°:125°
APR, AT, IT, PCAP

Comments

Field-installable MSR



1517L – 15"

Black or white
700:1
250
160°:140°
iTouch, AccuTouch

Optional MSR, customer display



1519L – 15"

Grey
500:1
250
90°:65°
Zero-Bezel APR, AT, IT, PCAP iTouch

Field-installable MSR
Wide-aspect (16:9)



1915L – 19"

Colour
Contrast ratio
Brightness cd/m²
Viewing angle
Technologies*

Grey
1000:1
300
160°:155°
APR, AT, IT

Comments



1919L – 19"

Grey
1000:1
250
170°:160°
Zero-Bezel APR, AT, IT, PCAP, iTouch

Wide-aspect (16:9)
Field-installable MSR



1919LM – 19"

White
1000:1
300
170°:160°
Zero-Bezel APR, AT, IT, PCAP

For medical applications
also available in 15" (1519LM)



1522L – 15"

Colour
Contrast ratio
Brightness cd/m²
Viewing angle
Technologies*

Grey or beige
500:1
250
140°:120°
APR, AT, IT, CT

Comments

Field-installable MSR
Tall stand option



1529L – 15"

Grey or beige
400:1
350
140°:120°
APR, AT, CT, IT

MSR, fingerprint reader, rear display, tall or short base



1715L – 17"

Grey
800:1
250
160°:160°
APR, AT, IT, PCAP

Field-installable MSR



1928L – 19"

Colour
Contrast ratio
Brightness cd/m²
Viewing angle
Technologies*

Grey or beige
1300:1
300
178°:178°
AT, IT, APR

Comments

For medical applications:
also available in 15" (1528L)



2201L – 22"

Grey
1000:1
250
170°:160°
IT Plus, iTouch

Wide aspect (16:9)
MSR and webcam options



2400LM – 24"

White or grey
1000:1
300
160°:160°
AT, IT

For medical applications

(*) APR= Acoustic Pulse Recognition AT= AccuTouch 5-wire resistive IT= IntelliTouch surface wave IT Plus= IntelliTouch with multi-touch capability ST= SecureTouch anti-vandal surface wave CT= CarrollTouch infrared iTouch= Zero-bezel surface wave PCAP= Projected capacitive

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Open-frame Touchmonitor Product Portfolio



1247L – 12"

Aspect ratio
Contrast ratio
Brightness cd/m² (panel)
Viewing angle
Native resolution
Technologies*

4:3
500:1
350
130°:105°
800 x 600 at 60 Hz
IT



1537L – 15"

4:3
500:1
250
140°:115°
1024 x 768 at 60 Hz
APR, AT, CT, IT, ST



1541L – 15"

16:9
560:1
250
170°:130°
1366 x 768
IT Plus, AT



1739L – 17"

Aspect ratio
Contrast ratio
Brightness cd/m² (panel)
Viewing angle
Native resolution
Technologies*

5:4
1000:1
250
160°:160°
1280 x 1024 at 60 Hz
APR, AT, CT, IT, ST



1937L – 19"

5:4
800:1
250
160°:155°
1280 x 1024 at 60 Hz
APR, AT, IT



1938L – 19"

16:10
1000:1
250
160°:160°
1440 x 900 at 60 Hz
APR, IT, ST



1939L – 19"

Aspect ratio
Contrast ratio
Brightness cd/m² (panel)
Viewing angle
Native resolution
Technologies*

5:4
1300:1
250
178°:178°
1280 x 1024 at 60 Hz
APR, AT, CT, IT, ST



1940L – 19"

16:9
1000:1
250
170°:160°
1366 x 768
IT Plus, PCAP



2239L – 22"

16:10
1000:1
300
170°:160°
1680 x 1050 at 75 Hz
APR, IT



2240L – 22"

Aspect ratio
Contrast ratio
Brightness cd/m² (panel)
Viewing angle
Native resolution
Technologies*

16:10
1000:1
400
178°:178°
1680 x 1050 at 60 Hz
IT



2242L – 22"

16:10
1000:1
300
160°:160°
1680 x 1050 at 60 Hz
IT Plus



2243L – 22"

16:9
1000:1
250
170°:160°
1920 x 1080
IT, APR, IT Plus



2244L – 22"

Aspect ratio
Contrast ratio
Brightness cd/m² (panel)
Viewing angle
Native resolution
Technologies*

16:9
1000:1
250
178°:178°
1920 x 1080
IT, APR, IT Plus



2639L – 26"

16:9
4000:1
405
178°:178°
1366 x 768 at 60 Hz
APR, IT



3239L – 32"

16:9
3000:1
450
178°:178°
1366 x 768 at 60 Hz
APR, IT

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All-in-One Touchcomputer Product Portfolio



COOL & QUIET
15B2 - 15" and 17B2 - 17"



PERFORMANCE
15B1 - 15" and 17B1 - 17"



PERFORMANCE ULTRA
15B3 - 15" and 17B3 - 17"

Processor Intel Atom Dual-Core 1.6Ghz
Memory 1GB
Hard drive 160GB
Operating systems Windows XP, no OS, Windows 7, POS Ready 2009
Technologies* Zero-Bezel APR, AT, IT
Comments No fan; MSR, fingerprint reader, rear display, Wireless, SSD, 2nd HDD, webcam

Processor Intel Celeron Dual-Core 2.2GHz
Memory 2GB
Hard drive 160GB
Operating systems Windows XP, no OS, Windows 7, POS Ready 2009
Technologies* Zero-Bezel APR, AT, IT
Comments MSR, fingerprint reader, rear display, Wireless, SSD, 2nd HDD, webcam

Processor Intel Core 2 Duo 3.0GHz
Memory 2GB
Hard drive 160GB
Operating systems Windows XP, no OS, Windows 7, POS Ready 2009
Technologies* Zero-Bezel APR, AT, IT
Comments MSR, fingerprint reader, rear display, Wireless, SSD, 2nd HDD, webcam



15D1 - 15" and 17D1 - 17"



15E1



19MR1 - 19"

Processor Intel Dual-Core Celeron 2.2GHz
Memory 1GB
Hard drive 160GB
Operating systems Windows XP, WEPOS, no OS, Windows 7, POS Ready 2009
Technologies* Zero-Bezel APR, AT, IT
Comments MSR, fingerprint reader, rear display, barcode scanner, 2nd hard drive

Processor Intel Atom Dual-Core 1.6GHz
Memory 1GB (replaceable with 2 GB)
Hard drive 160GB
Operating systems No operating system
Technologies* iTouch
Comments Wall- and pole-mount possible
Field-installable MSR

Processor Intel Atom Dual-Core 1.6GHz
Memory 1GB
Hard drive 160GB
Operating systems Windows XP, no OS
Technologies* Zero-Bezel APR
Comments For medical applications



19C2 - 19" and 22C2 - 22"



19C3 - 19" and 22C3 - 22"



19CM2 - 19" and 22CM2 - 22"

Processor Intel Atom Dual-Core 1.66GHz
Memory 2GB
Hard drive 160GB
Operating systems Windows7, POSReady 2009, No OS
Technologies* AT, IT Plus, iTouch
Comments MSR, rear display, webcam, I/O and capacity upgrades

Processor Intel Core 2 Duo 3.0GHz
Memory 2GB
Hard drive 160GB
Operating systems Windows7, POSReady 2009, No OS
Technologies* AT, IT Plus, iTouch
Comments MSR, rear display, webcam, I/O and capacity upgrades

Processor Intel Atom Dual-Core 1.66GHz
Memory 2GB
Hard drive 160GB
Operating systems Windows 7, No OS
Technologies* AT, IT Plus, iTouch
Comments For medical applications. Also available with Intel Core 2 Duo 3.0GHz.

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Interactive Digital Signage (IDS) Product Portfolio



3200L - 32"



4200L - 42"



4600L - 46"

Enclosure Dark grey; operational in portrait or landscape mode
Aspect ratio 16:9
Form factor Wall mount with optional desktop stand
Contrast ratio 3500:1
Brightness (typical) 405 nits
Viewing angle 178°:178°
Touch Technologies* Zero-Bezel APR, IT Plus
Comments True High Definition (HD) 720p (1366 x 768); optional field-installable webcam; analog VGA and HDCP-capable HDMI 1.3, video; two 10W speakers

Enclosure Dark grey; operational in portrait or landscape mode
Aspect ratio 16:9
Form factor Wall mount with optional desktop stand
Contrast ratio 3500:1
Brightness (typical) 405 nits
Viewing angle 178°:178°
Touch Technologies* Zero-Bezel APR, IT, Optical
Comments True High Definition (HD) 1080p (1920 x 1080); optional field-installable webcam; analog VGA and HDCP-capable HDMI 1.3, video; two 10W speakers

Enclosure Dark grey; operational in portrait or landscape mode
Aspect ratio 16:9
Form factor Wall mount with optional desktop stand
Contrast ratio 3000:1
Brightness (typical) 405 nits
Viewing angle 178°:178°
Touch Technologies* Zero-Bezel APR, IT, Optical
Comments True High Definition (HD) 1080p (1920 x 1080); optional field-installable webcam; analog VGA and HDCP-capable HDMI 1.3, video; two 10W speakers



5500L - 55"



IDS Computer Modules

Enclosure Dark grey; operational in portrait or landscape mode
Aspect ratio 16:9
Form factor Wall mount with optional desktop stand
Contrast ratio 4000:1
Brightness (typical) 405 nits
Viewing angle 178°:178°
Touch Technologies* IT, Optical
Comments True High Definition (HD) 1080p (1920 x 1080); optional field-installable webcam, LED backlights; analog VGA and HDCP-capable HDMI 1.3; two 10W speakers.

Designed specifically for the Elo IDS touch displays. No cables required; seamless docking integration.
ECM1 Module: Intel Celeron Dual-Core 2.2GHz 1GB 160GB Windows XP, Windows 7, no OS
ECM2 Module: Intel Core 2 Duo 3.0GHz 2GB 160GB Windows XP, Windows 7, no OS
ECM3 Module: Intel i5 2.50GHz 4GB 320GB Windows 7, no OS

Give Your Digital Signage Customers More Options with Touch



- Interactive Digital Signage will generate more customer engagement and metrics vs traditional signage
- Attractive, professional-grade displays are rugged enough to handle the constant interactivity from public access
- Typical consumer televisions or displays are not built to function in public access environments
- Elo Touch Solutions Interactive Digital Signage displays are designed for use in either portrait or landscape mode.

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To find out more about the extensive range of Elo Touch Solutions products, go to

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