



## 3200L 32" Interactive Digital Signage Touch Display

**The 3200L Interactive Digital Signage (IDS) display** combines precision Elo touch screen technology with a professional-grade, large format LCD panel. The 3200L offers System Integrators, Value-Added Resellers and Software Developers a high-performance touch solution for interactive digital displays in high traffic consumer environments.

The 32-inch 3200L is part of a new family of touch displays which bring interactivity to digital signage. The Elo TouchSystems 3200L features a seamless, zero-bezel design for an elegant appearance and a choice of the innovative Acoustic Pulse Recognition (APR) touch technology or IntelliTouch Plus for a responsive touch experience. The display is housed in a highly durable steel chassis for a long life of reliable and durable performance in almost any public-access location. Elo Zero-bezel APR technology recognizes touch on virtually the entire display surface, offering a full-screen interface for navigation regardless of how the display is touched—finger, prosthetic, stylus, card or pen—resulting in an efficient display canvas for almost any commercial application.

Optional high performance computer modules are well-suited for running interactive media and are available with a choice of two processing models: ECM1 with the Intel Celeron Dual-Core 2.2GHz and ECM2 with the Intel

Core 2 Duo 3.0GHz. The computer modules are field-installable, easily sliding into a dedicated bay behind the touch display and locking into place with two thumbscrews. These modules make the 3200L a reliable platform that is interoperable with content management servers and support optimal partitioning of locally cached and network stored content.

### Benefits

- Professional-grade hardware provides improved durability withstands rigors of public use over “consumer-type” displays
- Advertising and content effectiveness measured in real-time with interactive feedback
- Edge-to-edge glass design facilitates easy care and cleaning, plus dust and liquid resistance
- Power and display control functions can be locked out to prevent tampering
- Built-in speakers provide audio expansion capabilities
- Reliable, resilient APR and IntelliTouch Plus technologies deliver an exceptional touch experience
- Landscape and portrait orientations allow flexible configurations to suit a variety of design layouts



# 3200L 32" Interactive Digital Signage Touch Display

Model	3200L
Useful screen area	Horizontal: 27.5" (698 mm); Vertical: 15.4" (392 mm)
Monitor dimensions (without stand)	Width: 31.4" (797 mm); Depth: 5.4" (136 mm); Height: 19.2" (487 mm)
Touch technology	Zero-bezel Acoustic Pulse Recognition (APR), IntelliTouch Plus
Speakers	A pair of 10 W stereo speakers facing down (in landscape mode)
Audio input connector	3.5 mm TRS jack
Audio input signal range	1 Vrms max stereo signal (standard PC line out)
Headphone output connector	3.5 mm TRS jack
Headphone output signal (for 1KHz signal)	Delivers 90 mW of power into a 32 ohm stereo load
LCD technology	Active matrix TFT LCD
Diagonal size	31.5"
Aspect ratio	16:9
On-screen display (OSD)	Controls: menu, up, down, select; settings: brightness, contrast, clock, phase, auto-adjust, H-position, V-position; maintain aspect ratio, sharpness, color temperature, OSD timeout, OSD language, mounting, OSD H-position, OSD V-position, volume, mute, recall defaults, video source, audio source; Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese; Lockouts: OSD, power; accessible through switches on the rear, or through the standard Elo OSD control box.
Stand options	Optional stand available, order Part Number E953908
Mounting options	VESA MIS-F, 400 x 200, Y, 6, 90
Native (optimal) resolution	1366 x 768 at 60 Hz
Other supported resolutions	640 x 480 at 60 Hz; 720 x 480 at 60 Hz; 800 x 600 at 56, 60 Hz; 1024 x 768 at 60 Hz; 1280 x 720 at 50, 60 Hz; 1280 x 960 at 60 Hz; 1280 x 1024 at 60 Hz; 1366 x 768 at 60 Hz; 1440 x 900 at 60 Hz; 1680 x 1050 at 60 Hz; 1920 x 1080 at 50, 60 Hz
Colors	16.7 million
Brightness (typical)	LCD panel: 450 nits; with APR: 405 nits; IntelliTouch Plus: 405
Response time (Tr + Tf) total (typical)	20 msec
Viewing angle (typical)	Horizontal: ±89° or 178° total; Vertical: ±89° or 178° total
Contrast ratio (typical)	3500:1
Input video format	Analog VGA, HDMI 1.3
Input video signal connector	Female DE-15 for Analog VGA; HDMI Type A receptacle for HDMI
Input frequency	Horizontal: 32-80 kHz; Vertical: 50-61 Hz
Power supply	Internal AC
Input voltage	100-240 VAC, 50/60 Hz
Power connector	IEC 60320 C14
Power consumption (typical)	Monitor only: ON, max. audio, 100 V/60 Hz: 111 W; SLEEP, 100 V/60 Hz: 12 W; OFF, 100 V/60 Hz: 11.5 W
Temperature	Operating: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 50°C (-4°F to 122°F)
Humidity (non-condensing)	Operating: 20-80%; Storage: 10-90%
Weight	Actual: w/o Computer Module 46.3 lb (21.0 Kg); with Computer Module 52.0 lb (23.6 Kg) Shipping: 68.3 lb (31.0 Kg)
Shipping	TBD (Computer Module shipped separately)
Shipping box dimensions	37.0" (939 mm) x 11.0" (280 mm) x 25.0" (635 mm)
Warranty	3 years
MTBF	50,000 hours demonstrated
Agency approvals	Argentina S-mark; Australia C-Tick; Canada cUL; China CCC; Mexico NOM; Russia & CIS GOST; United States UL; Elo declarations; Europe CE; Canada IC; Japan VCC; United States FCC

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## North America

TE Touch Solutions  
301 Constitution Drive  
Menlo Park, CA 94025-1110

800-ELO-TOUCH

Tel 1-650-361-4800  
Fax 1-650-361-4722  
customerservice@elotouch.com

## Europe

Tel +32 (0)16 35 21 00  
Fax +32 (0)16 35 21 01  
elosales@elotouch.com

## Asia-Pacific

Tel +81 (45) 478-2161  
Fax +81 (45) 478-2180  
www.tps.co.jp

## Latin America

Tel 786-923-0251  
Fax 305-931-0124  
www.elotouch.com.ar



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# 4200L 42" Interactive Digital Signage Touch Display

**The 4200L Interactive Digital Signage (IDS) display** combines a precision Elo touch screen with a professional-grade, large format LCD panel. The 4200L offers System Integrators, Value-Added Resellers and Software Developers a high-performance touch solution for interactive digital displays in high traffic environments.

The 42" 4200L is part of a family of large-format touch displays which bring interactivity to digital signage. The 4200L features a choice of three sensitive, accurate touchscreen technologies, each with pure-glass construction for visual clarity:

- Optical touch provides multi-touch (up to 4 touches) and gesture support (Microsoft® Windows 7 required)
- For an elegant appearance the innovative Acoustic Pulse Recognition (APR) touchscreen technology has a seamless, zero-bezel design
- IntelliTouch single-touch surface acoustic wave touchscreen stands out for consistent reliability

The display is housed in a highly durable steel chassis for a long life of reliable and durable performance in almost any public access location. Optical touchscreen technology recognizes touch with a finger, gloved hand, prosthetic, stylus, card or pen while the IntelliTouch touchscreen recognizes touch by a finger, gloved hand, prosthetic, or virtually any soft stylus. With these technologies the result is an efficient display canvas for almost any commercial application.

Optional high performance computer modules are well-suited for running interactive media and are available with a choice of two processing models: ECM1 with the Intel Celeron Dual-Core 2.2GHz and ECM2 with the Intel Core 2 Duo 3.0GHz. The computer modules are field-installable, easily sliding into a dedicated bay behind the touch display and locking into place with two thumbscrews. These modules make the 4200L a reliable platform that is interoperable with content management servers and support optimal partitioning of locally cached and network stored content.

## Benefits

- Professional-grade hardware provides improved durability withstands rigors of public use over "consumer-type" displays
- Power and display control functions can be locked out to prevent tampering
- Built-in speakers provide audio expansion capabilities
- Choice of reliable and resilient optical, APR or IntelliTouch touchscreen technologies delivers an exceptional touch experience
- Landscape and portrait orientations allow flexible configurations to suit a variety of design layouts
- Advertising and content effectiveness measured in real-time with interactive feedback
- Available optional slide-in integrated computer module with no cables



# 4200L 42" Interactive Digital Signage Touch Display

Model	4200L
Useful screen area	Horizontal: 36.6" (930 mm); Vertical: 20.6" (523 mm)
Monitor dimensions (without stand)	Width: 40.2" (1020 mm); Depth: 5.2" (132 mm); Height: 24.1" (613 mm)
Touchscreen technology	Zero-bezel Acoustic Pulse Recognition (APR); IntelliTouch SAW; optical multi-touch
Speakers	A pair of 10 W stereo speakers facing down (in landscape mode)
Audio input connector	3.5 mm TRS jack
Audio input signal range	1 Vrms max stereo signal (standard PC line out)
Headphone output connector	3.5 mm TRS jack
Headphone output signal (for 1KHz signal)	Delivers 90 mW of power into a 32 ohm stereo load
LCD technology	Active matrix TFT LCD
Diagonal size	42"
Aspect ratio	16:9
On-screen display (OSD)	Controls: menu, up, down, select; settings: brightness, contrast, clock, phase, auto-adjust, H-position, V-position; maintain aspect ratio, sharpness, color temperature, OSD timeout, OSD language, mounting, OSD H-position, OSD V-position, volume, mute, recall defaults, video source, audio source; Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese; Lockouts: OSD, power; accessible through switches on the rear, or through the standard Elo OSD control box.
Monitor Diagnostics Control	RS-232 interface or through Elo computer module docking connector
Stand options	Optional stand available, order Part Number E448725
Mounting options	VESA MIS-F, 600 x 400, Y, 6, 90
Native (optimal) resolution	1920 x 1080
Other supported resolutions	640 x 480 at 60 Hz; 720 x 480 at 60 Hz; 720 x 576 50 Hz; 800 x 600 at 56, 60 Hz; 1024 x 768 at 60 Hz; 1280 x 720 at 50, 60 Hz; 1280 x 960 at 60 Hz; 1280 x 1024 at 60 Hz; 1360 x 768 at 60 Hz; 1366 x 768 at 60 Hz; 1440 x 900 at 60 Hz; 1680 x 1050 at 60 Hz; 1920 x 1080 at 50, 60 Hz
Colors	16.7 million
Brightness (typical)	LCD panel: 450 nits; with APR: 405 nits; IntelliTouch: 405 nits; optical multi-touch: 405 nits
Response time (Tr + Tf) total (typical)	6.5 msec
Viewing angle (typical)	Horizontal: ±89° or 178° total; Vertical: ±89° or 178° total
Contrast ratio (typical)	3500:1
Input video format	Analog VGA, HDMI 1.3
Input video signal connector	Female DE-15 for Analog VGA; HDMI Type A receptacle for HDMI
Input frequency	Horizontal: 32-80 kHz; Vertical: 47-61 Hz
Power supply	Internal AC
Input voltage	100-240 VAC, 50/60 Hz
Power connector	IEC 60320 C14
Power consumption (typical)	Monitor only: ON, max. audio, 100 V/60 Hz: 230 W; SLEEP, 100 V/60 Hz: 12.5 W; OFF, 100 V/60 Hz: 11.5 W
Temperature	Operating: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 50°C (-4°F to 122°F)
Humidity (non-condensing)	Operating: 20-80%; Storage: 10-90%
Weight	Actual: w/o Computer Module: 74.7 lb (33.9 kg); with Computer Module: 80.5 lb (36.5 kg)
Shipping	99.7 lb (45.2 kg) (Computer Module shipped separately)
Shipping box dimensions	Width: 47.0" (1194 mm); Depth: 12.0" (305 mm); Height: 31.0" (788 mm)
Warranty	3 years
MTBF	50,000 hours demonstrated
Agency approvals	Argentina S-mark; Australia C-Tick; Canada cUL; China CCC; Mexico NOM; Russia & CIS GOST; United States UL; Elo declarations; Europe CE; Canada IC; Japan VCC; United States FCC

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<b>North America</b>	800-ELO-TOUCH	<b>Europe</b>	<b>Asia-Pacific</b>	<b>Latin America</b>
TE Touch Solutions	Tel 1-650-361-4800	Tel +32 (0)16 35 21 00	Tel +81 (45) 478-2161	Tel 786-923-0251
301 Constitution Drive	Fax 1-650-361-4722	Fax +32 (0)16 35 21 01	Fax +81 (45) 478-2180	Fax 305-931-0124
Menlo Park, CA 94025-1110	customerservice@elotouch.com	elosales@elotouch.com	www.tps.co.jp	www.elotouch.com.ar



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# 4600L 46" Interactive Digital Signage Touch Display

**The 4600L Interactive Digital Signage (IDS) display** combines a precision Elo touch screen with a professional-grade, large format LCD panel. The 4600L offers System Integrators, Value-Added Resellers and Software Developers a high-performance touch solution for interactive digital displays in high traffic environments.

The 46" 4600L is part of a family of large-format touch displays which bring interactivity to digital signage. The 4600L features a choice of three sensitive, accurate touchscreen technologies, each with pure-glass construction for visual clarity:

- Optical touch provides multi-touch (up to 4 touches) and gesture support (Microsoft® Windows 7 required)
- For an elegant appearance the innovative Acoustic Pulse Recognition (APR) touchscreen technology has a seamless, zero-bezel design
- IntelliTouch single-touch surface acoustic wave touchscreen stands out for consistent reliability

The display is housed in a highly durable steel chassis for a long life of reliable and durable performance in almost any public access location. Optical touchscreen technology recognizes touch with a finger, gloved hand, prosthetic, stylus, card or pen while the IntelliTouch touchscreen recognizes touch by a finger, gloved hand, prosthetic, or virtually any soft stylus. With these technologies the result is an efficient display canvas for almost any commercial application.

Optional high performance computer modules are well-suited for running interactive media and are available with a choice of two processing models: ECM1 with the Intel Celeron Dual-Core 2.2GHz and ECM2 with the Intel Core 2 Duo 3.0GHz. The computer modules are field-installable, easily sliding into a dedicated bay behind the touch display and locking into place with two thumbscrews. These modules make the 4600L a reliable platform that is interoperable with content management servers and support optimal partitioning of locally cached and network stored content.

## Benefits

- Professional-grade hardware provides improved durability withstands rigors of public use over "consumer-type" displays
- Power and display control functions can be locked out to prevent tampering
- Built-in speakers provide audio expansion capabilities
- Choice of reliable and resilient optical, APR or IntelliTouch touchscreen technologies delivers an exceptional touch experience
- Landscape and portrait orientations allow flexible configurations to suit a variety of design layouts
- Advertising and content effectiveness measured in real-time with interactive feedback
- Available optional slide-in integrated computer module with no cables



# 4600L 46" Interactive Digital Signage Touch Display

Model	4600L
Useful screen area	Horizontal: 40.1" (1018 mm); Vertical: 22.5" (573 mm)
Monitor dimensions (without stand)	Width: 44.1" (1120 mm); Depth: 5.3" (135 mm); Height: 26.1" (664 mm)
Touchscreen technology	Zero-bezel Acoustic Pulse Recognition (APR); IntelliTouch SAW; optical multi-touch
Speakers	A pair of 10 W stereo speakers facing down (in landscape mode)
Audio input connector	3.5 mm TRS jack
Audio input signal range	1 Vrms max stereo signal (standard PC line out)
Headphone output connector	3.5 mm TRS jack
Headphone output signal (for 1KHz signal)	Delivers 90 mW of power into a 32 ohm stereo load
LCD technology	Active matrix TFT LCD
Diagonal size	46"
Aspect ratio	16:9
On-screen display (OSD)	Controls: menu, up, down, select; settings: brightness, contrast, clock, phase, auto-adjust, H-position, V-position; maintain aspect ratio, sharpness, color temperature, OSD timeout, OSD language, mounting, OSD H-position, OSD V-position, volume, mute, recall defaults, video source, audio source; Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese; Lockouts: OSD, power; accessible through switches on the rear, or through the standard Elo OSD control box.
Monitor Diagnostics Control	RS-232 interface or through Elo computer module docking connector
Stand options	Optional stand available, order Part Number E448725
Mounting options	VESA MIS-F, 600 x 400, Y, 6, 90
Native (optimal) resolution	1920 x 1080
Other supported resolutions	640 x 480 at 60 Hz; 720 x 480 at 60 Hz; 720 x 576 50 Hz; 800 x 600 at 56, 60 Hz; 1024 x 768 at 60 Hz; 1280 x 720 at 50, 60 Hz; 1280 x 960 at 60 Hz; 1280 x 1024 at 60 Hz; 1360 x 768 at 60 Hz; 1366 x 768 at 60 Hz; 1440 x 900 at 60 Hz; 1680 x 1050 at 60 Hz; 1920 x 1080 at 50, 60 Hz
Colors	16.7 million
Brightness (typical)	LCD panel: 450 nits; with APR: 405 nits; IntelliTouch: 405 nits; optical multi-touch: 405 nits
Response time (gray-to-gray) (typical)	8 msec
Viewing angle (typical)	Horizontal: ±89° or 178° total; Vertical: ±89° or 178° total
Contrast ratio (typical)	3000:1
Input video format	Analog VGA, HDMI 1.3
Input video signal connector	Female DE-15 for Analog VGA; HDMI Type A receptacle for HDMI
Input frequency	Horizontal: 32-80 kHz; Vertical: 48-62 Hz
Power supply	Internal AC
Input voltage	100-240 VAC, 50/60 Hz
Power connector	IEC 60320 C14
Power consumption (typical)	Monitor only: ON, max. audio, 100 V/60 Hz: 234 W; SLEEP, 100 V/60 Hz: 12.5 W; OFF, 100 V/60 Hz: 11.5 W
Temperature	Operating: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 50°C (-4°F to 122°F)
Humidity (non-condensing)	Operating: 20-80%; Storage: 10-90%
Weight	Actual: without Computer Module: 82.1 lb (37.2 kg); with Computer Module: 87.7 lb (39.8 kg)
Shipping	110.2 lb (50.0 kg) (Computer Module shipped separately)
Shipping box dimensions	Width: 51.3" (1314 mm); Depth: 13.0" (330 mm); Height: 33.7" (855 mm)
Warranty	3 years
MTBF	50,000 hours demonstrated
Agency approvals	Argentina S-mark; Australia C-Tick; Canada cUL; China CCC; Mexico NOM; Russia & CIS GOST; United States UL; Elo declarations; Europe CE; Canada IC; Japan VCC; United States FCC

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TE Touch Solutions	Tel 1-650-361-4800	Tel +32 (0)16 35 21 00	Tel +81 (45) 478-2161	Tel 786-923-0251
301 Constitution Drive	Fax 1-650-361-4722	Fax +32 (0)16 35 21 01	Fax +81 (45) 478-2180	Fax 305-931-0124
Menlo Park, CA 94025-1110	customerservice@elotouch.com	elosales@elotouch.com	www.tps.co.jp	www.elotouch.com.ar



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# 5500L 55" Interactive Digital Signage Touch Display

**The Elo TouchSystems 5500L Interactive Digital Signage (IDS) display** combines a precision touchscreen with a professional-grade, large format LCD panel. The 5500L offers System Integrators, Value-Added Resellers and Software Developers a high-performance touch solution for interactive digital displays in high traffic environments.

The 55" 5500L is part of a family of large-format touch displays which bring interactivity to digital signage. The 5500L features a choice of two sensitive, accurate touchscreen technologies, each with pure-glass construction for visual clarity:

- Optical touchscreen provides multi-touch (up to 4 touches) and gesture support (Microsoft® Windows 7 required)
- IntelliTouch single-touch surface acoustic wave (SAW) touchscreen stands out for consistent reliability

The display is housed in a highly durable steel chassis for a long life of reliable and durable performance in almost any public access location. Optical touchscreen technology recognizes touch with a finger, gloved hand, prosthetic, stylus, card or pen while the IntelliTouch touchscreen recognizes touch by a finger, gloved hand, or virtually any soft stylus. With these touchscreen technologies, the result is an efficient display canvas for almost any commercial application. In addition, the 5500L sports a thinner profile (4.8") and an LED-based LCD panel which reduces power consumption and heat output.

Optional high performance computer modules are well-suited for running interactive media and are available with a choice of two processing models: ECM1 with the Intel Celeron Dual-Core 2.2GHz and ECM2 with the Intel Core 2 Duo 3.0GHz. The computer modules are field-installable, easily sliding into a dedicated bay behind the touch display and locking into place with two thumbscrews. These modules make the 5500L a reliable platform that is interoperable with content management servers and support optimal partitioning of locally cached and network stored content.

## Benefits

- Professional-grade hardware provides improved durability withstands rigors of public use over "consumer-type" displays
- Power and display control functions can be locked out to prevent tampering
- Built-in speakers provide audio expansion capabilities
- Choice of reliable and resilient optical or IntelliTouch (SAW) touchscreen technologies delivers an exceptional touch experience
- Landscape and portrait orientations allow flexible configurations to suit a variety of design layouts
- Advertising and content effectiveness measured in real-time with interactive feedback
- Available optional slide-in integrated computer module with no cables



# 5500L 55" Interactive Digital Signage Touch Display

Model	5500L
Active Display Area	47.6" x 26.8" (1209.6 x 680.4mm)
Dimensions*	50.8" x 29.9" x 4.8" (1290.9 x 761.7 x 122.4mm)
Touchscreen technology	IntelliTouch surface acoustic wave; optical multi-touch
LCD Technology	Active matrix TFT LCD with LED backlight
Display Size	54.6" diagonal
On-Screen Display (OSD)	Accessible through switches on the rear, or through the standard Elo OSD control box accessory (sold separately). Controls: Menu, Up, Down, Select; Settings: Brightness, Contrast, Clock, Phase, Auto Adjust, H-position, V-position, Maintain Aspect Ratio, Sharpness, Color Temperature, OSD Timeout, OSD Language, Mounting, OSD H-Position, OSD V-Position, Volume, Mute, Recall Defaults, Video Source, Audio Source, ECM MDC; Languages: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese; Lockouts: OSD, Power
Monitor Diagnostics Control	RS-232 interface or through Elo computer module docking connector
Mounting Options	VESA MIS-F 600x400, Y, 6, 90 mounting provided on rear. Optional stand accessory is available.
Native Resolution	1920x1080
Aspect Ratio	16:9
Preset Video Timings	640x480 60Hz; 720x480 60Hz; 720x576 50Hz; 800x600 56, 60Hz; 1024x768 60Hz; 1280x720 50, 60Hz; 1280x960 60Hz; 1280x1024 60Hz; 1360x768 60Hz (does not scale; image is centered on panel and the remaining active area is filled with black); 1366x768 60Hz; 1440x900 60Hz; 1680x1050 60Hz; 1920x1080 60Hz
Number of Colors	1073.7 million
Brightness (typical)	LCD Panel: 450 nits; IntelliTouch: 405 nits; optical multi-touch: 405 nits
Response Time (gray to gray) (typical)	6.5 msec
Viewing Angle (typical)	Horizontal: ±89° or 178° total; Vertical: ±89° or 178° total
Contrast Ratio (typical)	4000:1
Video Interfaces	Analog VGA on Female DE-15 connector; HDCP-capable HDMI 1.3 on HDMI Type A receptacle connector; Input Video Horizontal Sync frequency range: 31.5 - 80 KHz; Input Video Vertical Sync (frame rate) frequency range: 47-63 Hz
Power	Input power connector: IEC 60320 C14; Input power signal specifications: 100-240VAC 50/60Hz; Power Consumption (Typical): Monitor only: ON, max audio, 100V/60Hz: 145W; SLEEP, 100V/60Hz: 15W; OFF, 100V/60Hz: 3.5W Monitor with ECM1 Computer Module: S0 - ON, max audio, 100% CPU load, 100V/60Hz: 238W; S3 - STANDBY, 100V/60Hz: 17W; S5 - OFF, 100V/60Hz: 13.2W Monitor with ECM2 Computer Module: ON, max audio, 100% CPU load, 100V/60Hz (S0): 268W; S3 - STANDBY, 100V/60Hz: 17W; S5 - OFF, 100V/60Hz: 13.2W
Audio	Internal speakers: a pair of 10W stereo speakers; Input audio connector: 3.5mm TRS jack; Input audio signal range: 1Vrms max stereo signal (standard PC line out) ; Headphone output connector: 3.5mm TRS jack; Headphone output signal (at 1KHz): delivers 90mW of power into a 32-ohm stereo load
Weight	Unpackaged: Weight without Computer Module: 88.8lb (40.3Kg); Weight with Computer Module: 94.6lb (42.9Kg); Packaged (Computer Module ships separately); Weight: 119.7lb (54.3Kg)
Shipping Dimensions	14.2" x 51" x 38.2" (36 x 145 x 97 cm)
Temperature	Operating: 32°F to 95°F (0° C to 35° C); Storage: -4°F to 122°F (-20° C to 50° C)
Humidity (non-condensing)	Operating: 20% - 80%; Storage: 10% - 90%
Regulatory approvals and declarations	Argentina S-mark; Australia C-Tick; Canada cUL, IC; China CCC; Europe CE; Japan VCCI; Korea KC; Mexico NOM; Russia & CIS GOST; Taiwan BSMI; United States UL, FCC; International CB
Warranty	3 years
MTBF	50,000 hours demonstrated

\*See dimensional drawings for details.

To find out more about Elo's extensive range of touch solutions, go to [www.elotouch.com](http://www.elotouch.com), or call the office nearest you.

North America	800-ELO-TOUCH	Europe	Asia-Pacific	Latin America
TE Touch Solutions	Tel 1-650-361-4800	Tel +32 (0)16 35 21 00	Tel +81 (45) 478-2161	Tel 786-923-0251
301 Constitution Drive	Fax 1-650-361-4722	Fax +32 (0)16 35 21 01	Fax +81 (45) 478-2180	Fax 305-931-0124
Menlo Park, CA 94025-1110	customerservice@elotouch.com	elosales@elotouch.com	www.tps.co.jp	www.elotouch.com.ar



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## Computer Modules for Interactive Digital Signage Touch Displays

**Three optional Computer Modules (ECM1, ECM2 and ECM3), available for integrated use with Elo Interactive Digital Signage Touch Displays** are well-suited for interactive media delivery. These high performance optional computer modules run Intel Dual-Core, Core 2 Duo or Core i5 processor, and slide into a dedicated bay behind the touch display.

The system is interoperable with content management servers and web-based consoles for seamless connection with the internet and applications such as multimedia sharing and electronic point-of-sale.

The computer modules can support optimal partitioning of locally cached and network stored content, allowing developers to monitor and deploy content via device-to-device or Web connections.

### Benefits

- A fully self-contained end-point solution when coupled with IDS touch displays
- Professional-grade hardware provides improved durability
- Standard operating platform supports a variety of client interfaces
- Proprietary design enables field installation in the display without cables

# Computer Modules for Interactive Digital Signage Touch Displays



Model	ECM1	ECM2	ECM3
Module dimensions	Width: 11.3" (287 mm); Depth: 9" (229 mm); Height: 2.3" (58 mm)		
Processor	Intel Celeron Dual-Core E1500 2.2 GHz 512 KB L2 Cache	Intel Core 2 Duo E8400 3.0 GHz 6 MB L2 Cache	Intel Core i5 i5-2405S 2.50 GHz 4x256KB L2 Cache
Chipset	Intel G41 Express	Intel G41 Express	Intel H61 Express
Video	Intel GMA X4500	Intel GMA X4500	Intel HD 3000
BIOS	AMI	AMI	AMI
Memory (RAM) Standard/max./slots	1 GB DDR2 DIMM on 1 of 1 slot	2 GB DDR2 DIMM on 1 of 1 slot	4 GB DDR3 DIMM on 1 of 2 slots
Hard Disk Drive	160 GB 2.5" SATA	160 GB 2.5" SATA	320 GB 2.5" SATA
Operating Systems Supported	<b>ECM1, ECM2:</b> Windows XP; No OS. <b>ECM3:</b> Windows 7, No OS		
Languages	<p><b>ECM1, ECM2:</b> Win XP: 24 language groups: Arabic, Brazilian, Chinese (Simplified), Chinese (Traditional), Chinese (Hong Kong), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Turkish</p> <p><b>ECM3:</b> Win 7: 35 language groups: Arabic, Brazilian Portuguese, Bulgarian, Chinese (Simplified), Chinese (Traditional), Chinese (Hong Kong), Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hebrew, Hindi, Hungarian, Italian, Japanese, Korean, Lithuanian, Norwegian, Polish, Portuguese, Romanian, Russian, Serbian Latin, Slovak, Slovenian, Spanish, Swedish, Thai, Turkish, Ukrainian</p>		
USB Port(s)	4 Type A ports		
Ethernet Port(s)	1 Gigabit LAN RJ45		
Audio Port(s)	3.5 mm TRS jacks for Audio In, Audio Out, Microphone In		
Rear I/O (Summary of all above ports)	4 Type A USB ports 1 Gigabit Ethernet LAN RJ45 port 3 3.5 mm TRS jacks for Audio In, Audio Out, Microphone In		
Real Time Clock	Replaceable lithium-ion battery for clock		
Power supply	Power supplied by Digital Signage monitor		
Power consumption	150 W max		
Weight	Actual: 5.5 lb (2.6 kg) Shipping: 6.4 lb (2.9 kg)		
Shipping box dimensions	TBA		
Temperature	<p><b>ECM1, ECM2:</b> Operating: 0°C to 40°C (32°F to 104°F) Storage: -20°C to 50°C (-4°F to 122°F)</p> <p><b>ECM3:</b> Operating: 0°C to 35°C (32°F to 95°F) Storage: -20°C to 50°C (-4°F to 122°F)</p>		
Humidity (non-condensing)	Operating: 20-80%; Storage: 10-90%		
Agency approvals	US UL, FCC; Canada cUL, IC; Europe CE; Australia/New Zealand C-tick; China CCC; Japan VCCI; International CB		
Warranty	3 years		
MTBF	50,000 hours demonstrated		

To find out more about our extensive range of Elo touch solutions, go to [www.elotouch.com](http://www.elotouch.com), or call the office nearest you.

<b>North America</b>	800-ELO-TOUCH	<b>Europe</b>	<b>Asia-Pacific</b>	<b>Latin America</b>
ELO Touch Solutions	Tel 1-650-361-4800	Tel +32 (0)16 35 21 00	Tel +81 (45) 478-2161	Tel 786-923-0251
301 Constitution Drive	Fax 1-650-361-4722	Fax +32 (0)16 35 21 01	Fax +81 (45) 478-2180	Fax 305-931-0124
Menlo Park, CA 94025-1110	<a href="mailto:customerservice@elotouch.com">customerservice@elotouch.com</a>	<a href="mailto:elosales@elotouch.com">elosales@elotouch.com</a>	<a href="http://www.tps.co.jp">www.tps.co.jp</a>	<a href="http://www.elotouch.com.ar">www.elotouch.com.ar</a>

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# Elo Touch Solutions and Intel® create an engaging marketing platform that delivers measurable results



**The Power to Know | For marketers and advertisers, it's critically important that they know their customers —who are they, what are their preferences, how do they make purchasing decisions? This information enables companies to improve products and services to better meet the wants and needs of their customers.**



For the digital signage industry, capturing this level of customer intelligence wasn't easy. Television has Nielson, radio has Arbitron and the internet has Google Analytics. But until now, measurement and analytics for the digital signage industry was a slow, manual, labor-intensive process with people observing and recording consumer behavior.

Now, with Elo Touch Solutions interactive digital signage (IDS) and Intel® Audience Impression Metrics Suite (AIM Suite), you can truly be in touch with your customers. In a fraction of a second, Intel AIM Suite detects the number of viewers, records time and date each viewer watched, determines their gender and age group, logs how long each watched and what they watched. AIM Suite empowers both real-time **Audience Engagement** and deep **Business Intelligence**.



## Audience Engagement

AIM Suite's real-time content triggers enable you to attract viewers and hold their attention by presenting content that is most likely to appeal to current viewers. AIM Suite can trigger a wide variety of actions, from selecting an advertisement to display to launching a personalized and immersive interactive experience. AIM Suite ensures that you're presenting the right message, to the right audience, at the right time.

## Business Intelligence

AIM Suite's back-end analytics enable you to measure audience behavior over any timeframe, and then, visualize the resulting insights in easy-to-understand graphs and charts. You'll be able to measure and improve ROI, and calculate conversion ratios and sales uplift from campaigns and promotions. By linking AIM Suite data with data from other in-store and back-end systems, you can track consumer behavior from point-of-impression to point-of-sale.

**IMAGINE...**

A customer enters a retail store and is walking by an Elo IDS display. The Elo Webcam and Intel AIM Suite identify his gender and age range – a middle-aged male. Using a data base of user profiles, AIM Suite triggers the Content Management System (CMS) to present content, on-screen, that has been pre-determined to appeal to his demographic group. In this case, the customer sees an advertisement for golf clubs. Now, enticed by the personalized, on-screen content, the customer is drawn to the IDS display and begins to explore, interact and engage. The information from this session is aggregated with other viewer data to analyze the effectiveness of this ad for any or all demographic groups, over any timeframe.

**ELO WEBCAM**

AIM Suite employs an Elo webcam mounted on an Elo IDS display. The Elo Webcam is designed to seamlessly integrate and harmonize with the Elo IDS displays' look-and-feel. And it's approved for use with Intel AIM Suite.

Key features of the Elo IDS webcam include:

- Compatible with the all Elo Touch Solutions IDS displays
- Standard USB cable
- Easily installed on the **Elo 5500L** with preset screw holes and a proprietary connector. Web camera is accessed through the USB connection (shared with the touchscreen) on the display. With an optional Elo computer module, no cabling is necessary for connecting the webcam to the host computer.
- One **3200L/4200L** webcam is installed with an adapter plate and a separate USB cable
- Supports landscape or portrait orientation
- Adjustable for up/down tilt with a hex-key adjustment (included)



**Intel® AIM Suite software-as-a-service (SaaS) includes:**

- ¥ Intel® AIM View – audience detection module
- ¥ Intel® AIM Analytics – cloud-based data analysis and visualization module
- ¥ Intel® AIM Manage – remote license & sensor management module

AIM Suite is “audience detection,” not “facial recognition” technology. The privacy of viewers is protected, as outlined in the Seven Foundational Principles of Privacy by Design.\* No images are recorded and no personal information is collected. For more information, and an informative video, visit Intel AIM Suite at <http://intel.cognovision.com/intel-aim-suite>.

\*Privacy by Design: by Ann Cavoukain, PhD., Information & Privacy Commissioner, Ontario, Canada. [www.privacybydesign.ca](http://www.privacybydesign.ca).



**Summary**

In short, you no longer have to guess. Now, you have the ability to quickly and continuously capture the demographic and behavioral data you need to personalize on-screen content and, then, analyze its effectiveness.

**Try it today, on us! Each Elo TouchSystems IDS Webcam ships with a complementary 75-day Intel AIM Suite Gold evaluation promotion code.**

Evaluation license code is included with the webcam.

ELO IDS DISPLAY	TOUCHSCREEN TECHNOLOGY	ELO WEBCAM
3200L (32")	IntelliTouch Plus (multi-touch), zero-bezel Acoustic Pulse Recognition (APR)	E828885
4200L (42")	IntelliTouch surface acoustic wave (SAW) standard bezel, APR, optical	E828885
4600L (46")	IntelliTouch standard bezel SAW, APR, optical	E828885
5500L (55")	IntelliTouch standard bezel SAW, optical	E574975

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**ABOUT ELO TOUCH SOLUTIONS |** Elo Touch Solutions, a portfolio company of The Gores Group, is a premier supplier of touch solutions including touchscreen components, touchmonitors, and all-in-one (AIO) touch computers for diverse applications including retail point-of-sale (POS), hospitality, kiosk, medical, industrial, and consumer devices. A pioneer in the industry with over 40 years of experience, we bring quality, innovation, and integrity to everything we touch. Visit [www.elotouch.com](http://www.elotouch.com) or call 1-800-557-1458 for more information about Elo, its products and services.

To find out more about our extensive range of Elo touch solutions, go to [www.elotouch.com](http://www.elotouch.com), or call the office nearest you.

**North America**

TE Touch Solutions  
301 Constitution Drive  
Menlo Park, CA 94025-1110

**800-ELO-TOUCH**

Tel 1-650-361-4800  
Fax 1-650-361-4722  
[customerservice@elotouch.com](mailto:customerservice@elotouch.com)

**Europe**

Tel +32 (0)16 35 21 00  
Fax +32 (0)16 35 21 01  
[elosales@elotouch.com](mailto:elosales@elotouch.com)

**Asia-Pacific**

Tel +81 (45) 478-2161  
Fax +81 (45) 478-2180  
[www.tps.co.jp](http://www.tps.co.jp)

**Latin America**

Tel 786-923-0251  
Fax 305-931-0124  
[www.elotouch.com.ar](http://www.elotouch.com.ar)

