



# 4600L 46" Interactive Digital Signage Touch Display

## **The 46-inch 4600L is part of a new family of touch displays which bring interactivity to digital signage.**

The EloTouchSystems 4600L features a choice of industry-leading touch technologies that optimizes the touch experience for a particular usage. For a seamless, zero-bezel design, the innovative Acoustic Pulse Recognition (APR) touch technology delivers an elegant appearance and a responsive touch experience. 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. For a sensitive, accurate touch response, IntelliTouch surface wave product technology utilizes pure-glass construction to deliver excellent imagery with high light transmissions, not affected by changes in ambient light, and supports finger, gloved hand and soft stylus activation. Housed in a highly durable steel chassis for a long-life of reliable performance, the 3200L with either technology is an efficient display canvas for almost any commercial, public access 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**

- Edge-to-edge glass design facilitates easy care and cleaning, plus dust and liquid resistance with APR
- IntelliTouch surface wave delivers a sensitive, accurate, touch experience for finger, soft-stylus activation
- Power and display control functions can be locked out to prevent tampering
- Built-in speakers provide audio expansion capabilities
- Pure-glass construction to deliver excellent imagery, high light transmissions; not affected by variations in ambient or extreme light.
- Features durable, scratch-resistant glass for continuous surface performance



Our commitment. Your advantage.

# 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)
Touch technology	Zero-bezel Acoustic Pulse Recognition (APR); ; IntelliTouch surface wave
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.
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 Plus: 405 nits
Response time (Tr + Tf) total (typical)	16 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: 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: 47.0" (1194 mm); Depth: 12.0" (305 mm); Height: 31.0" (788 mm)
Warranty	3 years
Backlight lamp life (typical)	50,000 hours to half-brightness
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

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 TouchSystems	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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