



4600L 46" Interactive Digital Signage (IDS) Touch Display

The Elo Touch Solutions 46-inch 4600L is a large-format canvas for commercial interactive media applications bringing interactivity to digital signage. By combining precision touchscreen technology with a professional-grade, large format LCD panel, the 4600L is rugged enough to last in high traffic, public access environments. With the easy, cable-free, 2-step installation of one of the optional computer modules, the 4600L is a reliable, digital platform that is interoperable with content management servers and supports optimal partitioning of locally cached and network stored content.

Features and Benefits:

- A choice of three pure-glass touchscreen technologies for visual clarity:
 - Optical for up to 4 touches and gesture support (Windows 7 required)
 - IntelliTouch single-touch surface acoustic wave (SAW) touchscreen stands out for consistent reliability

- the seamless, zero-bezel Acoustic Pulse Recognition (APR) for an elegant appearance and touch recognition by finger, prosthetic, stylus, card, or pen
- Built with a durable steel chassis to withstand the rigors of public use over consumer-type displays
- Field-installable, high-performance computer modules in three processing models:
 - ECM1 with the Intel Celeron Dual-Core 2.2GHz
 - ECM2 with the Intel Core 2 Duo 3.0GHz
 - ECM3 with the Intel Core i5 2.5GHz
- Lock-out power and display controls to minimize tampering
 - Built-in speakers expand audio capabilities
 - Mountable in landscape or portrait orientation to suit a variety of design layouts
 - Measure real-time advertising and content effectiveness with interactive feedback



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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; 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	CB, UL, cUL, FCC, CE, VCCI, IC, C-TICK, S-Mark, CCC, Russia & CIS GOST, NOM, KC, BSMI

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

North America

Elo 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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