# Elo Backpack®

## Android Compute Engine for Interactive Experiences

**Scalable & Easy to Deploy**

**2-Year Warranty**

**EloView® Compatible**

## Product Overview

The Elo Backpack android compute engine transforms touchscreen monitors and signage displays into commercial-grade systems capable of running audio and video content, interactive HTML webpages and Android-based apps. Users can easily scale our commercial Android platform to many sizes and form factors enabling a consistent deployment that is cost effective and optimized for commercial use. The Backpack also supports industry-leading peripherals for scanning, payment, printing and biometric input. With potential to revolutionize the kiosk architecture, the compute engine simplifies delivery of content and enables remote management capabilities via the EloView portal.

With the Elo Backpack, we are introducing kiosk integrators to a new architecture that will lower costs, improve scalability and simplify creation of customized kiosks. Elo's Kiosk 2.0 architecture introduces a low-power, solid state fan-less computing solution running Android 7.1 (Nougat) with the capability to scale deployments and remotely manage kiosks out-of-the-box. Combined with Elo's brilliant commercial-grade touch monitors, integrators can now transform what was a bulky, highly customized kiosk into a sleek and modern design. Creating beautiful self-service solutions and deploying a kiosk network is now easier than ever!

**Features connectivity from the monitor plus 2x USB 2.0, Ethernet, Bluetooth, Wi-Fi, HDMI output, micro-SD and GPIO**

**EloView ready - seamlessly manage and update digital content across multiple locations with ease**

**Compatible with select Elo touchscreen digital signage, desktop monitors, kiosk open-frames, and any HDMI-capable display (without touch support).**

## Elo Backpack

| Specifications | |
|---|---|
| Enclosure Color | Black |
| Processor | Qualcomm Snapdragon APQ8053 2.0GHz Octa-Core Processor |
| Memory (RAM) | 2GB DDR3L |
| Storage (emmc 5.1) | 16GB SSD; GB equals one billion bytes when referring to storage capacity. Accessible capacity may be less. |
| IO Ports | HDMI output, 2x USB 2.0 Ports, MicroSD card slot, Ethernet 1x LAN (Gigabit), GPIO |
| Button Functionality | Power, Home |
| Number of Touches | Depends on the touch monitor being used, max 16 simultaneous touches |
| Wireless | 802.11b/g/n/ac + Bluetooth 4.1 |
| Compatibility | Select Models:<br>90-Series Open Frames (SAW & PCAP) – 1093L, 1291L, 1590L, 1593L, 1790L, 1990L, 1991L, 2094L, 2293L, 2294L, 2295L, 2494L, 2495L, 2794L, 2796L<br>Large Format Open Frames – 3243L, 4243L, 4343L, 5543L<br>Touchscreen Signage – 3202L, 4202L, 4602L, 5502L, 5553L/6553L (supports a maximum resolution of 1920 x 1080), 7001LT<br>02-Series Touchscreen Monitors – 0702L, 1002L, 1302L, 1502L, 1902L. 2002L, 2202L, 2402L, 2702L<br>Any HDMI-capable display, without touch support |
| Operating System Options | Android 7.1 with EloView content deployment and management |
| Power Input | AC input voltage: 100-240 VAC; Input frequency: 50-60 Hz |
| Power Consumption (Typical) | ON: 4.2W, OFF: 3.8W, SLEEP: 0.12W |
| Dimensions | Unpackaged: 6.50" x 5.34" x 0.94" / 165 mm x 136 mm x 24 mm<br>Individual System Packaged: 13.2" x 7.7" x 3.0" / 335 mm x 196 mm x 75 mm |
| Shipping Dimensions | 16.2" x 12.6" x 15.0" / 412 mm x 320 mm x 375 mm (8 systems in 1 carton) |
| Weight | Unpackaged: 1.2 lbs / 0.53 kg<br>Packaged (Individual System): 2.4 lbs / 1.1 kg<br>Packaged (8 systems in 1 carton): 22.7 lbs / 10.3 kg |
| Temperature | Operating: 0°C to 40°C (32°F to 104°F)<br>Storage: -20°C to 50°C (-4°F to 122°F) |
| Humidity (non-condensing) | Operating: 20% to 80%; Storage: 5% to 95% |
| Mounting Options | See details for mounting in the User Manual and also the Quick Install Guide |
| Real-Time Clock | Lithium coin cell battery |
| Wall Mount AC Adaptor | North American, European or UK, China |
| Regulatory Approvals and Declarations | UL/cUL, FCC (US), IC (Canada), CE (Europe), CB (International), CCC, SRRC, China RoHS (China), VCCI, MIC (Japan), RCM (Australia), KCC (Korea), NOM (Mexico), BIS (India), EAC (Russia) |
| Warranty | 2 years |
| Extended Warranty | 3 year warranty coverage - Elo P/N: E895914<br>4 year warranty coverage - Elo P/N: E896120<br>5 year warranty coverage - Elo P/N: E896322<br>2 year warranty coverage + AUR - Elo P/N: E896513<br>3 year warranty coverage + AUR - Elo P/N: E896699<br>4 year warranty coverage + AUR - Elo P/N: E896903<br>5 year warranty coverage + AUR - Elo P/N: E897104 |
| What's in the Box | Elo Backpack, North America AC adaptor head, European AC adaptor head, China AC adaptor head, Quick Install Guide |

## Ordering Information

| Part Number | Description | Color | Memory | Storage | Availability |
|---|---|---|---|---|---|
| E611864 | Elo Backpack | Black | 2GB | 16GB | Worldwide |

## Optional Accessory

| Part Number | Description |
|---|---|
| E802593 | Elo Backpack Mounting Bracket |

Learn more about Elo at **EloTouch.com**.


**Americas**
Tel +1 408 597 8000
elosales.na@elotouch.com

**Europe (EMEA)**
Tel +32 (0)16 70 45 00
EMEA.Sales@elotouch.com

**Asia Pacific**
Tel +86 (21) 3329 1385
www.elotouch.com.cn



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