



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: 90-Series Open Frames (SAW & PCAP) - 1093L, 1291L, 1590L, 1593L, 1790L, 1990L, 1991L, 2094L, 2293L, 2294L, 2494L, 2794L Large Format Open Frames - 3243L, 4243L, 4343L, 5543L Touchscreen Signage - 3202L, 4202L, 4602L, 5502L, 7001LT 02-Series Touchscreen Monitors - 1002L, 1502L, 1902L, 2002L, 2202L, 2402L, 2702L 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 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 Packaged (Individual System): 2.4 lbs / 1.1 kg Packaged (8 systems in 1 carton): 22.7 lbs / 10.3 kg
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% to 80%; Storage: 5% to 95%
Regulatory Approvals and Declarations	UL/cUL, FCC (US), IC (Canada), CE (Europe), CB (International), CCC, SRRC, China RoHS (China), VCCI, MIC (Japan), RCM (Australia)
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
What's in the Box	Elo Backpack, North America AC adaptor head, European AC adaptor head, China AC adaptor head, Quick Install Guide
Warranty	2 years

Part Number

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

Optional Accessory

Part Number	Description
E802593	Elo Backpack Mounting Bracket

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

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