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!

**Product Overview**

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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:
- Large Format Open Frames – 3243L, 4243L, 4343L, 5543L
- Touchscreen Signage - 3202L, 4202L, 4302L, 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
- Individual System: 2.4 lbs / 1.1 kg
- 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-ion battery for real time clock

Wall Mount AC Adaptor

- North American, European or UK, China

What's in the Box

- Elo Backpack, North America AC adapter head, European or UK AC adapter head, China AC adapter head, Quick Install Guide

Warranty

- 2 years

Part Number

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Optional Accessory

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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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