Elo Backpack®

Linux Compute Engine for Interactive Experiences



Linux Debian 10

VESA Mounting

Small Footprint

Product Overview

The Elo Backpack is a powerful, commercial-grade Linux PC complete with a low-power, high-performance Rockchip processor. Purpose-built to fit in compact spaces, the Elo Backpack boasts a small footprint in both size and weight and can secure to any counter or in a kiosk easily with the built-in 75 mm or 100 mm VESA mount.

Designed to simplify scaling Elo's enterprise Linux platform across sizes and form factors, simply pair the Elo Backpack with any Elo touchscreen from 7-65 inches to create a consistent deployment that is cost effective and optimized for commercial use.

With decades of development and customizations made to support global enterprise customers, Elo's Linux-based platform offers Linux device drivers, uniform SDKs, a constantly growing set of tools and an expansive lineup across sizes and form factors.

Connectivity includes HDMI, USB 3.0, USB-C, Ethernet, Bluetooth, Wi-Fi, micro-SD and GPIO

Elo's Linux-based platform offers device drivers, uniform SDKs, and a constantly growing set of tools

Compatible with Elo touchscreens from 7 to 65-inches

Elo Backpack for Linux

Specifications	
Enclosure Color	Black
Operating System	Linux Debian 10
Processor	Rockchip RK3399
Memory (RAM)	4GB LPDDR4
Storage (emmc 5.1)	32GB
IO Ports	HDMI, 4x USB 3.0 support, Type C USB output, Micro SD slot, GPIO, Ethernet 1x LAN (Gigabit), DC in
Wireless	802.11a/b/g/n/ac + Bluetooth 5.0 (via external antenna)
Max Resolutions	USB-C: 3840 x 2160 @60fps; HDMI: 3840 x 2160 @60fps
Power Input	AC input voltage: 100-240 VAC; Input frequency: 50-60 Hz
Power Consumption (Typical)	On: 3.70W; Off: 0.28W; Sleep: 3.18W
Dimensions	4.5" x 5.5" x 1.0" / 114 mm x 139 mm x 25.4 mm
Shipping Dimensions	Individual System: 14.6" x 8.2" x 2.4" in / 371 mm x 208 mm x 62 mm 8 systems in 1 carton: 17.4" x 10.6" x 16.3" / 441 x 270 x 413 mm
Weight	Unpackaged: 0.82 lbs / 0.37 kg Packaged (Individual System): 2.51 lbs / 1.14 kg Packaged (8 systems in 1 carton): 22.38 lbs /10.15 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: 10% to 95%
Mounting Options	VESA 75mm and 100mm
Real-Time Clock	Lithium coin cell battery for real time clock
Regulatory Approvals and Declarations	UL/cUL (US); FCC (US); IC (Canada); CE (Europe); CB (International); VCCI, MIC (Japan); RCM (Australia)
Warranty	2 years
Extended Warranty	3 year warranty coverage - Elo P/N: E895914 4 year warranty coverage - Elo P/N: E896120 5 year warranty coverage - Elo P/N: E896322 2 year warranty coverage + AUR - Elo P/N: E896513 3 year warranty coverage + AUR - Elo P/N: E896699 4 year warranty coverage + AUR - Elo P/N: E896903 5 year warranty coverage + AUR - Elo P/N: E897104
What's in the Box	Elo Backpack, North American Power Cable, European Power Cable, 1x Power Brick with locking screw, 2x Antenna, Quick Install Guide

Ordering Information

Part Number	Processor	Memory	Storage
E143585	Rockchip RK3399	4GB	32GB

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