# Elo I-Series 5 Steel with Android

**Spec Sheet**

## Document Details

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## Overview

This document provides the manufacturer’s specifications and technical details for the Elo I Series 5 Steel with Android.

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# I-Series Steel with Android™

## All-in-One Touchscreen



**Stainless Steel Enclosure**

**Android 14**

**IP65 Front & IP54 Back**

## Product Overview

Elo's I-Series Steel combines the durability of a stainless-steel chassis with the flexibility of Android. Complete with a chemically-strengthened touch display available in 10", 15" and 22" sizes, Android 14 OS, integrated PoE and superior IP ratings to protect the device from the demands of industrial environments and commercial kitchens.

With Google Mobile Services and EloView, managing Android devices and your apps is simplified. You can remotely deploy and manage your device, adjust detailed settings, and take advantage of the latest Google-powered features. Not only does this make management easier, but it also ensures your Elo devices meet the high standards required for Google CTS verification, giving you peace of mind.

**Available in 10", 15" or 22" widescreen sizes with an easy-to-clean edge-to-edge glass PCAP touchscreen**

**Integrated VESA for ease of mounting in portrait or landscape to a wall, pole, arm or any 3rd party compatible VESA mount**

**Fully integrated power-over-ethernet**

**Enterprise-Grade Support - Security updates, seamless provisioning, Elo Home, OEMConfig and more**

## I-Series Steel with Android AiO Touchscreen

| Specifications | 10-inch model | 15-inch model | 22-inch model |
|---|---|---|---|
| Diagonal Size | 10.1" / 256.54 mm | 15.6" / 396.24 mm | 21.5" / 546.10mm |
| Operating System | Android 14 with Google Play Services and EloView content deployment and management. (AOSP capable)<br>Upgrade to Android 16 and planned upgrade to Android 18 are available with an OS 360 subscription | | |
| Processor | Qualcomm QCS6490 | | |
| Memory | 8GB | | |
| Storage | 64GB | | |
| I/O Ports | 1x USB-A 3.0 support (900mA)<br>1x USB-C output*<br>1x RJ45 Ethernet LAN (Gigabit)<br>1x DC input<br>* When using the standard 65W power brick, USB-C can support up to 15W. When using the optional 90W power brick, USB-C can support up to 27W. See User Manual for details | | |
| Wireless | 802.11a/b/g/n/ac/ax + Bluetooth 5.2 | | |
| Webcam | 8MP, Max Resolution: 3264x2448 30fps, Auto Focus | | |
| Speakers | 2x 1.5W | | |
| Audio | 2x built-in Digital Microphones | | |
| Active Display Area | 8.54" x 5.34" / 217 mm x 136 mm | 13.55" x 7.62" / 344 mm x 194 mm | 18.74" x 10.54" / 476 mm x 268 mm |
| Resolution | 1920 x 1200 @ 60Hz | 1920 x 1080 @ 60Hz | |
| Touch Technology | TouchPro® PCAP (Projected Capacitive) - up to 10 touches | | |
| Aspect Ratio | 16:10 | 16:9 | 16:9 |
| Number of Colors | 8-bit (16.7M) | | |
| Brightness | LCD Panel: 450 nits; PCAP: 387 nits | LCD Panel: 250 nits; PCAP: 215 nits | |
| Response Time | 30 ms | 25 ms | 14 ms |
| Viewing Angle | Horizontal: ±80° or 160° total /<br>Vertical: ±80° or 160° total | Horizontal: ±85° or 170° total /<br>Vertical: ±85° or 170° total | Horizontal: ±85° or 170° total /<br>Vertical: ±80° or 160° total |
| Contrast Ratio | 900:1 | 700:1 | 1000:1 |
| Power | AC input voltage: 100-240 VAC; Input frequency: 50-60 Hz | | |
| Power Consumption | On: 6.0W; Off: 0.2W; Sleep: 2.0W | On: 9.2W; Off: 0.2W; Sleep: 2.0W | On: 15.2W; Off: 0.2W; Sleep: 2.0W |
| Power Over Ethernet | MAX 51W (for PoE models) | | |
| Dimensions (W x D x H) | 10.34" x 7.06" x 1.28" /<br>262.58 mm x 179.38 mm x 32.48 mm | 15.08" x 9.11" x 1.22" /<br>383 mm x 231.5 mm x 30.9 mm | 20.98" x 12.75" x 1.52" /<br>533 mm x 324 mm x 38.68 mm |
| Shipping Dimensions | 13.9" x 6.81" x 10.63" /<br>353 mm x 173 mm x 270 mm | 18.83" x 6.61" x 12.6" /<br>453 mm x 168 mm x 320 mm | 24.13" x 6.81" x 16.34" /<br>613 mm x 173 mm x 415 mm |
| Weight | 2.86 lbs / 1.3 kg | 5.28 lbs / 2.4 kg | 11.44 lbs / 5.2 kg |
| Shipping Weight | Without PoE: 6.16 lbs./ 2.8 kg<br>With PoE: 4.84 lbs / 2.2 kg | Without PoE: 9.24 lbs / 4.2 kg<br>With PoE: 8.14 lbs / 3.7 kg | Without PoE: 18.04 lbs / 8.2 kg<br>With PoE: 16.5 lbs / 7.5 kg |
| Ingress Protection | Front side IP65, Back side IP54 | | |
| Temperature | Operating: 32°F to 113°F / 0°C to 45°C; Storage: --4°F to 122°F/ 20°C to 50°C | | |
| Humidity | Operating: 20%-80%; Storage: 5%-95% | | |
| Mounting Options | VESA 75mm | VESA 75mm and 100mm | |
| Real-Time Clock | Lithium coin cell battery for real time clock | | |
| MTBF | 50,000 hours | | |
| Warranty | 2 years standard | | |
| Extended Warranty | 3 year OS 360 - Elo P/N: E897877, 4 year OS 360 - Elo P/N: E898079, 5 year OS 360 - Elo P/N: E898282<br>3 year – Elo P/N: E819394, 4 year – Elo P/N: E819598, 5 year – Elo P/N: E819795,<br>3 year + ADP – Elo P/N: E130329, 4 year + ADP – Elo P/N: E130530, 5 year + ADP – Elo P/N: E130719,<br>2 year + AUR – Elo P/N: E819985, 3 year + AUR – Elo P/N: E820186, 4 year + AUR – Elo P/N: E820388, 5 year + AUR – Elo P/N: E820582,<br>2 year + AUR + ADP – Elo P/N: E131490, 3 year + AUR + ADP – Elo P/N: E131674, 4 year + AUR + ADP – Elo P/N: E131859, 5 year + AUR + ADP – Elo P/N: E132053 | | |
| Security Updates | Bi-monthly Android security updates available with Elo OS 360 package. | | |
| Regulatory Approvals | UL/cUL, FCC (US); IC (Canada); CE (Europe); CB (International); VCCI, MIC (Japan); RCM (Australia) | | |
| Supported Country List | Canada, USA, Australia, Japan, New Zealand, Austria, Belgium, Czech Republic, Denmark, France, Germany, United Kingdom, Hungary, Italy, Netherlands, Poland, Portugal, Romania, Spain, Sweden, Switzerland, Turkey, Brazil | | |
| What's in the Box | Without POE: I-Series Steel, North American Power Cable, European Power Cable, Power Brick, Quick Install Guide, 2x Cable tie<br>With POE: I-Series Steel, Quick Install Guide, 2x Cable tie | | |

## Ordering Information

| Part Number | Size | Processor | OS | PoE | Memory | Storage |
|---|---|---|---|---|---|---|
| E177215 | 10-inch | Qualcomm QCS6490 | Android 14 | Without | 8GB | 64GB |
| E177025 | 10-inch | Qualcomm QCS6490 | Android 14 | With | | |
| E176451 | 15-inch | Qualcomm QCS6490 | Android 14 | Without | | |
| E176245 | 15-inch | Qualcomm QCS6490 | Android 14 | With | | |
| E176840 | 22-inch | Qualcomm QCS6490 | Android 14 | Without | | |
| E176640 | 22-inch | Qualcomm QCS6490 | Android 14 | With | | |

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


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