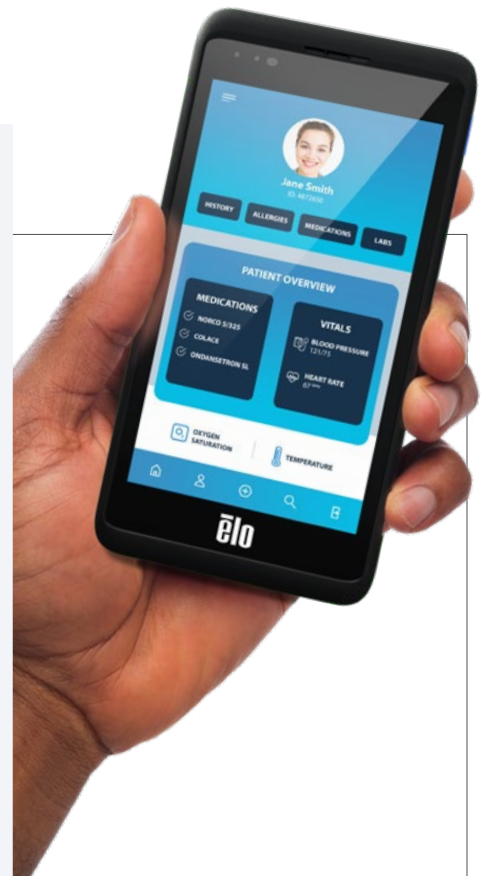




# Why you should consider the M50.

The enterprise mobile computer market is crowded with lots of vendors, and it's easy to go with the "default" brand that you're used to, so why should you consider a change?

Complete with a 5.5-inch HD touch display, integrated 2D barcode scanner, flexible Android 10 OS and Qualcomm 660 octa-core processor, the M50 handheld computer provides seamless integration, effortless provisioning and simplified device management via EloView® or your preferred 3rd-party MDM. When selecting a mobile device, it's important to think beyond the device itself and truly understand the company behind it. You need to feel confident that the manufacturer can support the device, that they have the right level of technology expertise, and that they fully understand your needs.



## Elo knows Android.

- Elo has been manufacturing Android products since 2014.
- Elo has a dedicated global Android development team.
- M50 is part of Elo's fourth generation Android devices
- Elo offers a full breadth of tools for Android device management, including EloView, OS 360 and OEMConfig.

## Unified architecture.

- Elo is the only vendor with a full range of form factors and sizes from 5.5" to 65"
- Simplify IT support and device deployments with a single OS image
- EloView, Elo's device and content management platform, helps businesses manage their entire fleet of Android Elo devices from a single interface.
- Additional Tools - OS 360 for OS and security updates and OEMConfig for MDM integration.

## Partner for success.

- Elo is a global company that focuses on customer's needs - we work together with business leaders to help them accomplish their goals.
- Extensive experience designing and manufacturing custom products from concept to production.
- Elo is a technology leader and original inventor of the touchscreen strategically partnered with key Android industry leaders.

People sometimes ask why did Elo get into the mobile market - our customers love our products, and they wanted a mobile device from Elo. We think you'll love our products too. **Ask your Elo sales representative for more information about the M50.**

# Positioning the M50.




## Comparable Products

There are hundreds of mobile devices from various manufacturers in the enterprise mobility market. The table below summarizes both direct face-off models as well as their lighter and heavier durability models.

	Lighter Durability	Direct M50 Face-off	Heavier Durability
<b>Zebra</b>	 <b>TC2X</b>	 <b>TC5X</b>	 <b>TC7X</b>
<b>Honeywell</b>	 <b>EDA51</b>	 <b>CT4X</b>	 <b>CT60</b>

## Verticals & Use Cases

Elo offers the largest portfolio of Android devices that share a common unified architecture. Start taking advantage of the many benefits that replacing aging Windows PCs with Android provides. From a smaller IT footprint and improved energy consumption to superior IT security.

Vertical	Key M50 Use Cases	Additional Full Portfolio Use Cases
 <b>Retail</b>	Inventory, price checking, mPOS, line busting	I-Series: Fixed POS
 <b>Warehouse</b>	Picking, packing, put-away, receiving	I-Series: Workstations Backpack + Monitor: Digital Signage
 <b>Field Services</b>	Delivery verification, route navigation	I-Series: Dispatch



# M50 Specifications.



Specifications	
Display	5.5" Optically Bonded High Definition LCD
Touchscreen	TouchPro® PCAP (Projected Capacitive) with Corning Gorilla Glass, water rejection and anti-fingerprint coating
Operating System	Android 10 with Google™ Play Services (AOSP capable); China Model: Android 10 AOSP; Planned upgrade to Android 12 available with OS 360 subscription
Processor	Qualcomm Snapdragon 660 2.2GHz Octa-Core Processor
Memory	4GB
Storage	64GB
Expansion Slot	MicroSD up to 32GB SDHC and up to 256 GB SDXC
I/O Ports	USB Type-C for display, charging and data
Wireless	802.11a/b/g/n/ac with 2x2 MU-MIMO, Bluetooth 5.0
Cellular	Available on cellular SKU's with user accessible nano SIM slot. LTE US Carriers: AT&T, T-Mobile, Telus; LTE Europe: Open Carrier For E862757: WCDMA: B2, B4, B5; LTE: B2, B4, B12m B13, B66 For E993091: WCDMA: B1, B8; LTE: B1, B3, B7, B8, B20
GPS	Simultaneous GNSS Receiver for GPS, GLONASS, Galileo and BeiDou; AGPS support (cellular models only)
LED	1x combination Green/Amber LED for battery/charging status, 1x combination Blue/Red user programmable LED
Keyboard	On screen keyboard
Audio	Microphone; 1W Front facing speaker; Bluetooth headset support; USB-C headset support
Buttons	Left and Right Programmable Scanner Trigger Buttons; Power Button
Integrated Peripherals	NFC - MiFare, Felica, ISO15693, ISO 14443-A, ISO 14443-B, P2P mode and Card Emulation Barcode Scanner - SE4710 scan engine (1D/2D Imager) Camera - 8MP Auto-Focus with Flash LED and Flashlight (Torch)
Sensors	Light sensor (automatically adjust backlight brightness); Proximity sensor (disable display and touch when user places against head); Accelerometer
Contrast Ratio	1000:1 typical
Native (optimal) Resolution	1280 x 720
Brightness	400 nits
Battery	Rechargeable, 3.8V/4000mAh; User swappable; Qualcomm Quick Charge 4
Dimensions	Unpackaged: 3.36" x 6.57" x 0.68" / 85.5 mm x 167 mm x 17.4 mm Packaged: 8.54" x 5.59" x 2.83" / 217 mm x 142 mm x 72 mm
Weight	Unpackaged: 327g Packaged: 700g
Drop Specification	Multiple 4ft/1.2m drops per MIL810-G standard
Tumble Specification	1000 tumbles, 1.6ft./0.5m per IEC 60068-2-32
Sealing	IP65 per IEC standard 60529
Temperature	Operating: 32°F to 122°F (0°C to 50°C); Storage: -22°F to 140°F (-30°C to 60°C)
Humidity	5% to 95% non-condensing
ESD	Class C: 8kV contact, 15kV air
Regulatory approvals and declarations	UL, FCC (US) - Class B; cUL, IC (Canada) ; CB (International safety); CE (Europe) - Class B; VCCI (Japan); RCM (Australia); China RoHS
Warranty	1-year
Extended Warranty	3 year + ADP - Elo P/N: E672040 , 5 year + ADP - Elo P/N: E672239 1 year + AUR + ADP - Elo P/N: E894512, 3 year + AUR + ADP - Elo P/N: E672440, 5 year + AUR + ADP - Elo P/N: E672646 3 year + ADP + OS 360 - Elo P/N: E893726, 5 year + ADP + OS 360 - Elo P/N: E893926 3 year + AUR + ADP + OS 360 - Elo P/N: E894122, 5 year + AUR + ADP + OS 360 - Elo P/N: E894322 3 year OS 360 - Elo P/N: E873133, 5 year OS 360 - Elo P/N: E873326
Security Updates	Complimentary security updates provided for 3 months; Optional extended coverage available with EloCare OS 350 package
What's in the box	Elo M50 mobile computer, USB Type C Charger with Qualcomm Quick Charge 4.0 , Quick Install Guide

## Ordering Information

Part Number	OS	Cellular/WiFi	Availability
E862757	Android 10 (GMS)	Cellular (AT&T)	United States
E993091	Android 10 (GMS)	Cellular (Open Carrier)	Europe
E862573	Android 10 (GMS)	WiFi	Worldwide
E994271	Android 10 (AOSP)	WiFi	China

## Optional Accessories

Part Number	Accessory	Part Number	Accessory
E863687	EM10 Expansion Module	E864455	M50 Battery
E864066	DS10 Docking Station	E994659	HS10 Hand Strap
E864653	DC10 4 Slot Device Charger	E278069	RB10 Protective Rubber Boot
E461816	BC10 4 Slot Battery Charger		



# Top 3 reasons to BUY the M50.

The Elo M50 is an enterprise-grade, Android mobile computer built to increase efficiency by putting everything into the palm of their hands.

Complete with a 5.5-inch HD touch display, integrated 2D barcode scanner, flexible Android 10 OS and Qualcomm 660 octa-core processor, the M50 handheld computer provides seamless integration, effortless provisioning and simplified device management via EloView® or your preferred 3rd-party MDM.



## 1 Unified architecture.

### Multiple Vendors

- Multiple OS images
- Multiple device and content management systems
- Complicated deployments and app validations

### Elo's Unified Architecture

- One OS image
- One Device & management system with EloView®
- Simplified deployments & app validations

## 2 Large screen.

The M50 features a 5.5-inch HD display, larger than the standard 5-inch size most vendors offer. This can yield multiple user experience benefits such as:



Superior text legibility



Easier app navigation



More productive employees

## 3 Thunderbolt USB-C charge & display output.



Charge the M50 with a simple USB-C cable. No special adapters are needed to convert pogo-pins into USB-C.



The M50 can use its USB-C Thunderbolt port to connect to an external display without any kind of display dock.



# Top 3 reasons to SELL the M50.



The Elo M50 is an enterprise-grade, Android mobile computer purpose-built to increase efficiency by putting everything your workers need into the palm of their hands.

## 1 Simplify your customer's device management.

Many customers have a combination of mobile devices, fixed POS, kiosks, and digital signage, and often are forced into using multiple device and content management platforms.

Elo's broad portfolio of devices can cover all of those needs, and EloView® can radically simplify your customer's device and content management.

## 2 Devices are in stock!

Many other mobile device manufacturers are experiencing supply chain shortages causing 8-12-month delays in product availability.

Elo's strategic global supply organization planned for supply chain disruptions, ensuring availability of the M50 mobile devices. No need to wait 8-12 months, the M50 is available and in stock now.

## 3 Expand your offerings beyond mobile.

Most businesses need fixed and mobile devices, whether it's POS in retail, workstations in the warehouse, or central dispatch in transportation and field services.

Elo is the only hardware manufacturer that can satisfy both mobile and fixed device requirements with enterprise grade products and support.

### M50 Resources

Product Website: [Click here](#)

Datasheet: [Click here](#)

User Manual: [Click here](#)

QIG: [Click here](#)

### Additional Resources

EloView: [Click here](#)

OS360: [Click here](#)

Knowledgebase: [Click here](#)