



# EloPOS™ System

Modern. Modular. Made for Retail.

All-in-One Touchscreen Computer



Integrated Touch



Retail-Hardened



3-year warranty

## Product Overview

The versatile EloPOS System combines modern aesthetics, modular flexibility and commercial-grade reliability. Purpose-built for point of sale, EloPOS offers a 15.6-inch touchscreen display, choice of Intel 8th generation processors and an integrated expansion hub to connect the peripherals you need - whether a customer facing display, payment reader, printer, cash drawer, barcode scanner or scale. From traditional POS to self-service applications, EloPOS delivers the durability needed to survive continuous public use and is backed by Elo's standard 3-year warranty.

EloPOS utilizes the reliability-tested performance and security of Intel's 8th Generation processors, integrated Trusted Platform Modules, Intel vPro and the Windows 10 operating system. For added flexibility, EloPOS offers models with no OS - all pretested with Linux SuSE, Ubuntu and Red Hat operating systems, providing businesses the best solution for their environment.

**Optional accessories include MSR, barcode scanner, fingerprint reader, EMVs and customer facing displays.**

**USB Type-C interface that provides touch, video and power connectivity**

**Optional EloCare<sup>SM</sup> Advance Exchange Warranty - If you have an issue with your POS System, just pick up the phone and call Elo to have a replacement unit sent.\***

## EloPOS System

Specifications	E2	E3	E5
Processor	Intel® Celeron® Processor J4105 (4M Cache, up to 2.5 GHz)	Intel Core™ i3-8100T Processor (6M Smart Cache, 3.10 GHz)	Intel Core i5-8500T Processor (9M Smart Cache, up to 3.50 GHz by Intel Turbo Boost Technology 2.0) Intel vPro™ Support
TPM	TPM 2.0		
Active Management Technology	N/A		Intel AMT 11.0 Support
Chipset	N/A		Intel Q370 Express
Video	Intel UHD Graphics 600	Intel UHD Graphics 630	
BIOS	AMI		
Memory (RAM)	4GB 2400MHz DDR4 SO-DIMM on 1 of 2 slots (expandable to 8GB)	4GB 2400MHz DDR4 SO-DIMM on 1 of 2 slots (expandable to 32GB)	8GB 2400MHz DDR4 SO-DIMM on 1 of 2 slots (expandable to 32GB)
Storage	128GB 2.5" SATA SSD, 72 TBW		
Operating System Options	No OS; Microsoft Windows 10 IoT Enterprise LTSB 64-bit		
Languages	Windows 10 - 36 Language groups		
USB Ports	3 x USB 3.0 (1 on display head, 2 on I/O); 2 x USB 2.0 (on I/O); 4 x Micro USB 2.0 (on display head)		
Powered USB	1 x 24V on I/O; 2 x 12V on I/O		
Serial Ports	2 x RJ45		
Cash Drawer Port	12V/24V Cash Drawer Port on I/O (EPSON Pinout, 24V default; selectable by internal switch)		
Ethernet Port	1 x LAN RJ45 (Gigabit)		
Wireless Connectivity	802.11 a/b/g/n/ac 2.4GHz and 5GHz; Bluetooth 5.0		
Additional Video Out	1 x Full-function USB-C (Power up to 27W, USB 3.0, Display Port)		
Audio	2 x 2W internal speakers; 1 x 3.5 mm headset jack		
Display	15.6" diagonal, active matrix TFT LED LCD		
Aspect Ratio	16:9 (standard)		
Active Display Area (W x H)	13.55" x 7.62" / 344.2mm x 193.5mm		
Native (optimal) Resolution	1366 x 768 @ 60Hz		
Number of Colors	262,144		
Brightness (typical)	LCD panel: 220 nits; TouchPro PCAP: 187 nits		
Response Time Total (typical)	10 msec		
Viewing Angle (typical)	Horizontal: 45°/45° or 90° total / Vertical: 15°/35° or 50° total		
Contrast Ratio (typical)	400:1		
Touch Technologies	TouchPro® PCAP with up to 10 touches		
Power	External 24VDC universal-type power supply brick; AC input voltage: 100-240 VAC; Input frequency: 50-60 Hz; Maximum output power: 180W		
Max Power Consumption	i2 Model: 24W; i3 Model: 65W; i5 Model: 74W		
Dimensions	With Stand: 15.2" x 14.54" x 8.71" / 386.2mm x 369.3mm x 221.2mm; Without Stand: 15.2" x 9.8" x 2.89" / 386.2mm x 248.9mm x 73.3mm		
Shipping Dimensions	With Stand: 18.19" x 11.77" x 18.5" / 462mm x 299mm x 470mm; Without Stand: 18.19" x 8.5" x 13.57" / 462mm x 216mm x 346mm		
Weight	With Stand: 10.8lbs / 4.9kg; Without Stand: 6.4lbs / 2.9kg		
Shipping Weight	With Stand: 16.1lbs / 7.3kg; Without Stand: 10.8lbs / 4.9kg		
Temperature	Operating: 0°C to 35°C (32°F to 95°F); Storage: -20°C to 60°C (-4°F to 140°F)		
Humidity (non-condensing)	Operating: 20% to 80%; Storage: 5% to 95% (38.7°C max wet bulb temperature)		
Regulatory approvals and declarations	UL/cUL, FCC, TUV, CE, CB, Mexico NOM, C-Tick/RCM, VCCI, Argentina S-Mark, CCC		
Mounting Options	75mm VESA mount		
Warranty	3-year warranty extendable up to 5 years		
Extended Warranty Options	1 year extended warranty - Elo P/N: E819394; 2 year extended warranty - Elo P/N: E819598 3 year EloCare Advance Exchange - Elo P/N: 819795; 4 year EloCare Advance Exchange + 1 year extended warranty - Elo P/N: 819985; 5 year EloCare Advance Exchange + 2 year extended warranty - Elo P/N: 820186		
MTBF	50,000 hours demonstrated		
What's in the box	EloPOS, NA Power Cord, EU Power Cord, Power Adapter - 180W, Cable RJ-45 to DB-9, Cable cover locking screw, QIG		

## Ordering Information

Part Number	Part Description	Processor	OS	Memory	Surface Treatment	Touch Interface
E440439	EPS15E2-2UWA-1-MT-4G-1S-NO-00-BK	J4105	None	4GB	Antiglare	USB
E440234	EPS15E2-2UWA-1-MT-4G-1S-W1-64-BK	J4105	Window 10	4GB	Antiglare	USB
E441010	EPS15E2-2UWA-1-MT-4G-1S-NO-00-BK-NS-EXP	J4105	None	4GB	Antiglare	USB
E440808	EPS15E2-2UWA-1-MT-4G-1S-W1-64-BK-NS-EXP	J4105	Window 10	4GB	Antiglare	USB
E441385	EPS15E3-2UWA-1-MT-4G-1S-NO-00-BK	i3-8100T	None	4GB	Antiglare	USB
E441193	EPS15E3-2UWA-1-MT-4G-1S-W1-64-BK	i3-8100T	Window 10	4GB	Antiglare	USB
E441781	EPS15E3-2UWA-1-MT-4G-1S-NO-00-BK-NS-EXP	i3-8100T	None	4GB	Antiglare	USB
E441575	EPS15E3-2UWA-1-MT-4G-1S-W1-64-BK-NS-EXP	i3-8100T	Window 10	4GB	Antiglare	USB
E442161	EPS15E5-2UWA-1-MT-8G-1S-NO-00-BK	i5-8500T	None	8GB	Antiglare	USB
E441968	EPS15E5-2UWA-1-MT-8G-1S-W1-64-BK	i5-8500T	Window 10	8GB	Antiglare	USB
E442550	EPS15E5-2UWA-1-MT-8G-1S-NO-00-BK-NS-EXP	i5-8500T	None	8GB	Antiglare	USB
E442365	EPS15E5-2UWA-1-MT-8G-1S-W1-64-BK-NS-EXP	i5-8500T	Window 10	8GB	Antiglare	USB

To find out more about our extensive range of Elo touch solutions, go to [elotouch.com](http://elotouch.com), or call the office nearest you.

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