



Elo Touch Solutions, Inc.  
670 N. McCarthy Blvd., Suite 100  
Milpitas, CA 95035  
www.elotouch.com

**SPECIFICATIONS**  
Touchcomputer  
EloPOS Rev A

DOCUMENT: PS600353  
REV: D  
REV DATE: November 11,  
2019  
Page 0 of 8

**TITLE: PRODUCT SPECIFICATIONS, EloPOS REV A**

**NUMBER: PS600353**

**REVISION: D**

**OWNER: Engineering**



Elo Touch Solutions, Inc.  
 670 N. McCarthy Blvd., Suite 100  
 Milpitas, CA 95035  
 www.elotouch.com

## SPECIFICATIONS

### Touchcomputer EloPOS Rev A

DOCUMENT: PS600353  
 REV: D  
 REV DATE: November 11,  
 2019  
 Page 1 of 8

Model	i2 Model	i3 Model	i5 Model	
Enclosure Color	Black			
Active Display Area (W x H)	13.55" x 7.62" (344.2mm x 193.5mm)			
Maximum Touchcomputer Dimensions With Stand (W x H x D)	.2" x 14.54" x 8.71" (386.2mm x 369.3mm x 221.2mm)			
Maximum Touchcomputer Dimensions Without Stand (W x H x D)	15.2" x 9.8" x 2.89" (386.2mm x 248.9mm x 73.3mm)			
LCD Technology	Active matrix TFT LED LCD			
Diagonal Size	15.55" (395mm) diagonal			
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	
Chipset	N/A	Intel H310 Express	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 maximum <sup>1</sup> on 2 slots) <sup>3</sup>	4GB 2400MHz DDR4 SO-DIMM on 1 of 2 slots (Expandable to 32GB maximum <sup>2</sup> on 2 slots) <sup>3</sup>	8GB 2400MHz DDR4 SO-DIMM on 1 of 2 slots (Expandable to 32GB maximum <sup>2</sup> on 2 slots) <sup>3</sup>	
	<sup>1</sup> Maximum memory using 2 slots. Expandable up to 8GB maximum, SO-DIMM DDR4-2400. <sup>3</sup> Check brand of the memory included in your unit before purchasing the memory kit.	<sup>2</sup> Maximum memory using 2 slots. Expandable up to 32GB maximum, SO-DIMM DDR4-2400. <sup>3</sup> Check brand of the memory included in your unit before purchasing the memory kit.		



Elo Touch Solutions, Inc.  
670 N. McCarthy Blvd., Suite 100  
Milpitas, CA 95035  
www.elotouch.com

## SPECIFICATIONS

### Touchcomputer EloPOS Rev A

DOCUMENT: PS600353  
REV: D  
REV DATE: November 11,  
2019  
Page 2 of 8

Storage	128GB M.2 SATA SSD <sup>4</sup> : 72 TBW Optional M.2 PCIe (NVMe) SSD for selected SKUs <small><sup>4</sup>GB equals one billion bytes when referring to storage capacity. Accessible capacity may be less.</small>	
Mounting Options	75mm VESA mount	
Ethernet Port	1 x LAN RJ45 (Gigabit)	
Wireless LAN	802.11 a/b/g/n/ac 2.4GHz and 5GHz	
Bluetooth	BT 5.0	
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 edges for optional Elo peripherals.	
RAID	N/A	
TPM	TPM 2.0	
AMT	N/A	Active Management Technology (Intel® AMT 11.0) Support.
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)	
Additional Video Out	1 x Full-function USB-C (Power up to 27W, USB 3.0, Display Port)	
Audio Ports	1 x 3.5 mm headset jack	
Speakers	Two 2W internal speakers	
Operating System Options	No Operating System Microsoft Windows 10 IoT Enterprise LTSC 64-bit Optional Microsoft Windows 10 Professional 64-bit	
Languages	Windows 10 - 36 Language groups	
Native (optimal) Resolution	1366 x 768 @ 60Hz or 1920 x 1080 @ 60Hz	
Control Buttons	Power Button	
Aspect Ratio	16:9 (standard)	
Number of Colors	262,144	
Brightness (typical)	LCD panel: 300 nits TouchPro PCAP: 255 nits	
Response Time Total (typical)	25 msec	



Elo Touch Solutions, Inc.  
670 N. McCarthy Blvd., Suite 100  
Milpitas, CA 95035  
www.elotouch.com

## SPECIFICATIONS

### Touchcomputer

### EloPOS Rev A

DOCUMENT: PS600353  
REV: D  
REV DATE: November 11,  
2019  
Page 3 of 8

Viewing Angle (typical)	Horizontal: 80°/80° or 160° total / Vertical: 80°/80° or 160° total
Contrast Ratio (typical)	700:1
Power Supply	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 (without peripherals)	i2: 26W, 15.6" i3: 67W, 15.6" i5: 76W
Energy Star Certified	Energy Star 7.1
Shipping Box Dimensions (W x H x D)	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: 10.8 lbs / 4.9 kg Without Stand: 6.4 lbs / 2.9 kg
Shipping Weight	With Stand: 16.1 lbs / 7.3 kg Without Stand: 10.8 lbs / 4.9 kg
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
Form Factor	Desktop
Real-Time Clock	Replaceable CR2032 lithium metal battery for clock
MTBF	50,000 hours demonstrated
Sealability	Touchscreen sealed to sub-bezel Touchscreen sealed to LCD
Power Cables	North American and European power cables included
Other Features	Serviceable internal components. Models with a stand for desktop application. Models without a stand for 75mm VESA mounting. Kensington lock.



Elo Touch Solutions, Inc.  
 670 N. McCarthy Blvd., Suite 100  
 Milpitas, CA 95035  
 www.elotouch.com

## SPECIFICATIONS

### Touchcomputer EloPOS Rev A

DOCUMENT: PS600353  
 REV: D  
 REV DATE: November 11,  
 2019  
 Page 4 of 8

Upgrade Options	4GB DDR4 Memory SO-DIMM – Elo P/N: E275416 8GB DDR4 Memory SO-DIMM – Elo P/N: E275635 M.2 SATA 128GB SSD – Elo P/N: E206352 M.2 SATA 256GB SSD – Elo P/N: E206556
Accessories	
Stand, Mounts & Kits	<ul style="list-style-type: none"> <li>- EloPOS Rear Facing Display Mount Kit – Elo P/N: E835969 (Kit includes authorized E969524 Elo 2ft USB-C cable)</li> <li>- Shelf Mount Bracket – Elo P/N: E043382</li> <li>- Floor Stand for 10/15/22" I-Series – Elo P/N: E048069</li> <li>- Pole Mount – 6 inch – Elo P/N: E047458</li> <li>- Pole Mount – 12 inch – Elo P/N: E047663</li> <li>- Pole Mount – 18 inch – Elo P/N: E047864</li> <li>- Pole Mount Bracket – Elo P/N: E045151</li> </ul>
Optional Peripherals	<ul style="list-style-type: none"> <li>- Biometric Fingerprint Reader (FPR) – Elo P/N: E001001</li> <li>- Magnetic Stripe Reader (MSR) – Elo P/N: E001002</li> <li>- Customer Display (2x20 VFD) – Elo P/N: E001003</li> <li>- 2D Barcode Reader (BCR) – Elo P/N: E926356</li> <li>- 10" LCD customer display (10 touch) – Elo P/N E045337 (requires display mount kit E835969)</li> <li>- 10" LCD customer display (no touch) – Elo P/N E138394 (requires display mount kit E835969)</li> <li>- ET1302L-2UWA-1-BL-NS-G – Elo P/N: E683595 (requires display mount kit E835969 which includes authorized Elo 2ft USB-C cable)</li> <li>- eDynamo EMV Cradle – Elo P/N: E375343</li> <li>- Ingenico RP457 EMV Cradle – Elo P/N: E710930</li> <li>- 6ft Elo authorized USB-C cable – Elo P/N: E710364</li> </ul>
Warranty	Three years (Extend two years with additional charge)  4 year warranty coverage - Elo P/N: E819598 5 year warranty coverage - Elo P/N: E819795 3 year warranty coverage + AUR - Elo P/N: E820186 4 year warranty coverage + AUR - Elo P/N: E820388 5 year warranty coverage + AUR - Elo P/N: E820582
What's in the box	<ul style="list-style-type: none"> <li>- EloPOS Touchcomputer</li> <li>- North America Power Cord</li> <li>- EU Power Cord</li> <li>- Power Adapter – 180W</li> <li>- Cable RJ-45 to DB-9</li> <li>- Cable cover locking screw</li> <li>- Quick Installation Guide (QIG)</li> </ul>



Elo Touch Solutions, Inc.  
670 N. McCarthy Blvd., Suite 100  
Milpitas, CA 95035  
www.elotouch.com

# SPECIFICATIONS

## Touchcomputer

### EloPOS Rev A

DOCUMENT: PS600353  
REV: D  
REV DATE: November 11,  
2019  
Page 5 of 8

#### Part Number(s) for EloPOS 15.6-inch FHD AiO Touchscreen Computer

Part Number	Part Description	Processor	OS	Memory	Surface Treatment	Touch Interface
E935572	EPS15H2-2UWA-1-MT-4G-1S-NO-00-BK	J4105	None	4GB	Antiglare	USB
E935367	EPS15H2-2UWA-1-MT-4G-1S-W1-64-BK	J4105	Window 10	4GB	Antiglare	USB
E935967	EPS15H3-2UWA-1-MT-4G-1S-NO-00-BK	i3-8100T	None	4GB	Antiglare	USB
E935775	EPS15H3-2UWA-1-MT-4G-1S-W1-64-BK	i3-8100T	Window 10	4GB	Antiglare	USB
E936365	EPS15H5-2UWA-1-MT-8G-1S-NO-00-BK	i5-8500T	None	8GB	Antiglare	USB
E936163	EPS15H5-2UWA-1-MT-8G-1S-W1-64-BK	i5-8500T	Window 10	8GB	Antiglare	USB
E936750	EPS15H5-2UWA-1-MT-8G-1S-NO-00-BK-NS-EXP	i5-8500T	None	8GB	Antiglare	USB
E936556	EPS15H5-2UWA-1-MT-8G-1S-W1-64-BK-NS-EXP	i5-8500T	Window 10	8GB	Antiglare	USB
E939305	EPS15H5-2UWA-1-MT-6G-2S-W1-64-BK	i5-8500T	Window 10	16GB	Antiglare	USB
E939498	EPS15H5-2UWA-1-MT-6G-2S-W1-64-BK-NS-EXP	i5-8500T	Window 10	16GB	Antiglare	USB



Elo Touch Solutions, Inc.  
670 N. McCarthy Blvd., Suite 100  
Milpitas, CA 95035  
www.elotouch.com

# SPECIFICATIONS

## Touchcomputer

### EloPOS Rev A

DOCUMENT: PS600353  
REV: D  
REV DATE: November 11,  
2019  
Page 6 of 8

## Documentation List

Document Number	Description
MS602246	DIMENSIONAL DRAWING, EloPOS
QIG600049	QIG, EloPOS
UM600232	USER GUIDE, EloPOS
UM600233	USER GUIDE, EloPOS EU SPANISH
UM600234	USER GUIDE, EloPOS LA SPANISH
UM600235	USER GUIDE, EloPOS FRENCH
UM600236	USER GUIDE, EloPOS ITALIAN
UM600237	USER GUIDE, EloPOS GERMAN
UM600238	USER GUIDE, EloPOS RUSSIAN
UM600239	USER GUIDE, EloPOS JAPANESE
UM600240	USER GUIDE, EloPOS SIM CHINESE
MD600091	DECLARATIONS OF CONFORMITY, EloPOS

**MTBF (Mean Time Between Failures)** An MTBF measurement is based on a statistical sample and is not intended to predict any one specific unit's reliability; thus MTBF is not, and should not be construed as, a warranty measurement.

Elo Touch Solutions, Inc. its Affiliates (collectively "Elo") reserves the right to change or update, without notice, any information contained herein; to change, without notice, the design, construction, materials, processing or specifications of any products; and to discontinue or limit production or distribution of any products.

Elo (logo), Elo Touch Solutions, Elo TouchSystems are trademarks