

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

**NUMBER: PS600xxx**

**REVISION: 4**

**OWNER: Engineering**

<b>Change History</b>			
<b>Rev</b>	<b>Author</b>	<b>Date</b>	<b>Description</b>
1	Chunying Huang	Nov 2, 2018	- Initial draft
2	Chunying Huang	Dec 12, 2018	- Add dimensions, weight and power consumption info
3	Chunying Huang	Dec 28, 2018	- Add optionals stand, mount kits
4	Chunying Huang	Jan 7, 2019	- Update SKU description - Add Elo warranty P/N's - Update wording Z-Series to EloPOS



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## SPECIFICATIONS

### Touchcomputer

### EloPOS Rev A

DOCUMENT: PS600xxx  
REV: 4  
REV DATE: January 9, 2019  
Page 1 of 8

Model	EPSxxE2 Model	EPSxxE3 Model	EPSxxE5 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)	15.2" 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.		
Storage	128GB 2.5" SATA SSD <sup>4</sup> . 72 TBW <sup>4</sup> GB equals one billion bytes when referring to storage capacity. Accessible capacity may be less.			
Mounting Options	75mm VESA mount			



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REV: 4  
REV DATE: January 9, 2019  
Page 2 of 8

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 LTSB 64-bit	
Languages	Windows 10 - 36 Language groups	
Native (optimal) Resolution	1366 x 768 @ 60Hz	
Control Buttons	Power Button	
Aspect Ratio	16:9 (standard)	
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	
Power Supply	External 24VDC universal-type power supply brick AC input voltage: 100-240 VAC Input frequency: 50-60 Hz Maximum output power: 180W	



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DOCUMENT: PS600xxx  
REV: 4  
REV DATE: January 9, 2019  
Page 3 of 8

Max Power Consumption (without peripherals)	E2: 24W E3: 65W E5: 74W
Energy Star Certified	<b>TBD</b>
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: 10.8lbs / 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
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.
Upgrade Options	256GB 2.5" SATA SSD – Elo P/N: E061525 4GB DDR4 Memory SO-DIMM – Elo P/N: E275416 8GB DDR4 Memory SO-DIMM – Elo P/N: E275635
Accessories	<b>ET1302L-2UWA-1-BL-NS-G – Elo P/N: E683595</b> <b>ET1302L-2UWA-1-WH-NS-G – Elo P/N: E683787</b>



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REV: 4  
REV DATE: January 9, 2019  
Page 4 of 8

Stand, Mounts & Kits	<ul style="list-style-type: none"><li>- <b>EloPOS Rear Facing Display Mount Kit – Elo P/N: E835969</b></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><li>- eDynamo EMV Cradle – Elo P/N: E375343</li><li>- Ingenico RP457 EMV Cradle – Elo P/N: E710930</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>- NFC Reader – Elo P/N: E001004</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>- Dallas Key Kit – Elo P/N E055348</li></ul>
Warranty	Three years (Extend two years with additional charge) 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
Optional Product Coverage	Advance Unit Replacement program (North America only) Extended Warranty (North America and EMEA only)
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>



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Page 5 of 8

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

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



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DOCUMENT: PS600xxx  
REV: 4  
REV DATE: January 9, 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.

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