



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 10,
 2019
 Page 0 of 8

TITLE: PRODUCT SPECIFICATIONS, EloPOS REV A

NUMBER: PS600353

REVISION: D

OWNER: Engineering

Change History

Rev	Author	Date	Description
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
5	Chunying Huang	March 13, 2019	- Remove NFC/RFID kit
A	Chunying Huang	April 3, 2019	- Initial release CO-19-0604
B	Chunying Huang	June 4, 2019	Revise per CO-19-1015 - Correct storage form factor from 2.5" to M.2 - Update warranty coverage part numbers
C	Chunying Huang	June 18, 2019	Revise per CO-19-1372 - Add Brazil ANATEL certificate - Update required mount kit for 1002 and 1302 customer facing display - Update USB-C cable description to make it more clear - Add 6ft USB-C cable P/N for 1302
D	Chunying Huang	Sep 26, 2019	Revise per CO-19- - Update upgrade option list - Remove optional product coverage section - Remove Dallas Key kit - Add 15.6" FHD, 21.5" FHD and 15" 4:3 SKUs



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 10,
 2019
 Page 1 of 8

Model	EPSxxE2/S2/H2 Model	EPSxxE3/S3/H3 Model	EPSxxE5/S5/H5 Model	
Enclosure Color	Black			
Active Display Area (W x H)	15.6" E or H SKUs: 13.55" x 7.62" (344.2mm x 193.5mm)			
Maximum Touchcomputer Dimensions With Stand (W x H x D)	15.6" E or H SKUs: 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)	15.6" E or H SKUs: 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	15.6" E or H SKUs: 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 ¹ on 2 slots) ³	4GB 2400MHz DDR4 SO-DIMM on 1 of 2 slots (Expandable to 32GB maximum ² on 2 slots) ³	8GB 2400MHz DDR4 SO-DIMM on 1 of 2 slots (Expandable to 32GB maximum ² on 2 slots) ³	
	¹ Maximum memory using 2 slots. Expandable up to 8GB maximum, SO-DIMM DDR4-2400. ³ Check brand of the memory included in your unit before purchasing the memory kit.	² Maximum memory using 2 slots. Expandable up to 32GB maximum, SO-DIMM DDR4-2400. ³ 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 10,
2019
Page 2 of 8

Storage	128GB M.2 SATA SSD ⁴ : 72 TBW Optional M.2 PCIe (NVMe) SSD for selected SKUs <small>⁴GB equals one billion bytes when referring to storage capacity. Accessible capacity may be less.</small>	
Mounting Options	15.6" E or H SKUs: 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 LTSB 64-bit Optional Microsoft Windows 10 Professional 64-bit Verified with Ubuntu 18.04.3 LTS and CentOS 7.6 Certified with SUSE 15.0 Enterprise Desktop	
Languages	Windows 10 - 36 Language groups	
Native (optimal) Resolution	15.6" E or H SKUs: 1366 x 768 @ 60Hz or 1920 x 1080 @ 60Hz	
Control Buttons	Power Button	
Aspect Ratio	15.6" E or H SKUs: 16:9 (standard)	
Number of Colors	15.6" E or H SKUs: 262,144	
Brightness (typical)	15.6" E SKUs: LCD panel: 220 nits TouchPro PCAP: 187 nits 15.6" H SKUs: LCD panel: 300 nits TouchPro PCAP: 255 nits	



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 10,
2019
Page 3 of 8

Response Time Total (typical)	15.6" E SKUs: 10 msec 15.6" H SKUs: 25 msec
Viewing Angle (typical)	15.6" E SKUs: Horizontal: 45°/45° or 90° total / Vertical: 15°/35° or 50° total 15.6" H SKUs: Horizontal: 80°/80° or 160° total / Vertical: 80°/80° or 160° total
Contrast Ratio (typical)	15.6" E SKUs: 400:1 15.6" H SKUs: 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)	E2: 24W, E3: 65W, E5: 74W 15.6" H2: , H3: , H5:
Energy Star Certified	Energy Star 7.1
Shipping Box Dimensions (W x H x D)	15.6" E or H SKUs: 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	15.6" E or H SKUs: With Stand: 10.8lbs / 4.9kg Without Stand: 6.4lbs / 2.9kg
Shipping Weight	15.6" E or H SKUs: 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



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 10,
 2019
 Page 4 of 8

Other Features	<p>Serviceable internal components.</p> <p>Models with a stand for desktop application.</p> <p>Models without a stand for 75mm VESA mounting.</p> <p>Models without a stand for 75mm or 100mm VESA mounting (21.5" models only).</p> <p>Kensington lock.</p>
Upgrade Options	<p>4GB DDR4 Memory SO-DIMM – Elo P/N: E275416</p> <p>8GB DDR4 Memory SO-DIMM – Elo P/N: E275635</p> <p>M.2 SATA 128GB SSD – Elo P/N: E206352</p> <p>M.2 SATA 256GB SSD – Elo P/N: E206556</p>
Accessories	
Stand, Mounts & Kits	<ul style="list-style-type: none"> - EloPOS Rear Facing Display Mount Kit – Elo P/N: E835969 (Kit includes authorized E969524 Elo 2ft USB-C cable) - Shelf Mount Bracket – Elo P/N: E043382 - Floor Stand for 10/15/22" I-Series – Elo P/N: E048069 - Pole Mount – 6 inch – Elo P/N: E047458 - Pole Mount – 12 inch – Elo P/N: E047663 - Pole Mount – 18 inch – Elo P/N: E047864 - Pole Mount Bracket – Elo P/N: E045151
Optional Peripherals	<ul style="list-style-type: none"> - Biometric Fingerprint Reader (FPR) – Elo P/N: E001001 - Magnetic Stripe Reader (MSR) – Elo P/N: E001002 - Customer Display (2x20 VFD) – Elo P/N: E001003 - 2D Barcode Reader (BCR) – Elo P/N: E926356 - 10" LCD customer display (10 touch) – Elo P/N E045337 (requires display mount kit E835969) - 10" LCD customer display (no touch) – Elo P/N E138394 (requires display mount kit E835969) - ET1302L-2UWA-1-BL-NS-G – Elo P/N: E683595 (requires display mount kit E835969 which includes authorized Elo 2ft USB-C cable) - eDynamo EMV Cradle – Elo P/N: E375343 - Ingenico RP457 EMV Cradle – Elo P/N: E710930 - 6ft Elo authorized USB-C cable – Elo P/N: E710364
Warranty	<p>Three years (Extend two years with additional charge)</p> <p>4 year warranty coverage - Elo P/N: E819598</p> <p>5 year warranty coverage - Elo P/N: E819795</p> <p>3 year warranty coverage + AUR - Elo P/N: E820186</p> <p>4 year warranty coverage + AUR - Elo P/N: E820388</p> <p>5 year warranty coverage + AUR - Elo P/N: E820582</p>



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 10,
2019
Page 5 of 8

What's in the box	<ul style="list-style-type: none">- EloPOS Touchcomputer- North America Power Cord- EU Power Cord- Power Adapter – 180W- Cable RJ-45 to DB-9- Cable cover locking screw- Quick Installation Guide (QIG)
-------------------	---



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 10,
2019
Page 6 of 8

Part Number(s) for EloPOS 15.6-inch HD 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

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



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 10,
2019
Page 7 of 8

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 10,
2019
Page 8 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