

TITLE: PRODUCT SPECIFICATIONS, EloPOS Pack**NUMBER: PS600410****REVISION: A****OWNER: Engineering****REVISION HISTORY:**

REV:	DATE:	ORIGINATOR:	DESCRIPTION
1	11/27/18	Chunying Huang	- Initial draft
2	12/11/18	Chunying Huang	- Update SSD typo
3	01/28/19	Mark Wu	- Update web spec to new format template. - Update box dimension information. - Update memory support information. - Update operation temperature spec to 40°C - Update a USB 2.0 to USB 3.0 port spec at front I/O. - Add additional one USB-C port spec. - Add two SMA ports for external antenna.
4	2/15/19	Chunying Huang	- Revise based on the recent clarifications from customer
5	2/19/19	Chunying Huang	- Add Intel Standard Manageability feature to product spec
6	09/18/19	Sam Tseng	- Update CPU, memory, chipset support. - Update front, rear IO port spec
7	10/01/19	Sam Tseng	- Update operation system options. - Update Max power consumption - Update shipping box dimensions - Update weight and shipping weight - Update Form Factor to Mini Desktop. - Update 256GB 2.5" to 256GB M.2 - Add cable length spec at What's in the box. - Add display compatibility. - Remove power cable for duplicated. - Remove Optional Product Coverage.
8	10/02	Sam Tseng	- Update shipping box dimension for incorrect. - Add cable length in inches.
A	11/7	Sam Tseng	Release per CO-19-1704



SPECIFICATIONS EloPOS Pack

Elo Touch Solutions,
Inc.
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EloPOS Pack Specifications:

Model	EPS00E2 Model	EPS00E3 Model	EPS00E5 Model	
Enclosure Color	Black with metallic accents			
Processor	Intel® Celeron® Processor G4900T (2M Cache, up to 2.9 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	Intel Q370 Express	Intel Q370 Express	Intel Q370 Express	
Video	Intel UHD Graphics 610	Intel UHD Graphics 630		
BIOS	AMI			
Memory (RAM)	4GB 2400MHz DDR4 SO-DIMM on 1 of 4 slots (Expandable to 64GB maximum ¹ on 4 slots) ³	8GB 2400MHz DDR4 SO-DIMM on 1 of 4 slots (Expandable to 64GB maximum ² on 4 slots) ³	8GB 2666MHz DDR4 SO-DIMM on 1 of 4 slots (Expandable to 64GB maximum ² on 4 slots) ³	
	¹ Maximum memory using 4 slots. Expandable up to 64GB maximum, SO-DIMM DDR4-2133. ³ Check brand of the memory included in your unit before purchasing the memory kit.	² Maximum memory using 4 slots. Expandable up to 64GB maximum, SO-DIMM DDR4-2133. ³ Check brand of the memory included in your unit before purchasing the memory kit.		
Storage	128GB M.2 SATA SSD ⁴ ; 72 TBW ⁴ GB equals one billion bytes when referring to storage capacity. Accessible capacity may be less.			
Mounting Options	Bracket mounts to table with screws, System slides forward to engage hooks on bracket			
Display port	1xHDMI port			
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	2 x USB 3.0 (Front side) 2 x USB 3.0 (Rear side)			
RAID	N/A			
TPM	TPM 2.0			
AMT	Active Management Technology (Intel® AMT 11.0) Support.		Active Management Technology (Intel® AMT 11.0) Support.	



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Powered USB	1 x 24V on I/O 5 x 12V on I/O
Serial Ports	1 x RJ50
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
Antenna	2T2R design with External SMA connector
Operating System Options	No Operating System Microsoft Windows 10 IoT Enterprise 2019 LTSC 64-bit
Languages	Windows 10 - 36 Language groups
Control Buttons	Power Button
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)	ESP00E2: 32.415W ESP00E3: 48.87W ESP00E5: 55.34W
Energy Star Certified	Energy Star 7.1
Shipping Box Dimensions (W x H x D)	16.3" x 6.7" x 13.6" / 414mm x 169mm x 346mm
Weight	5.76lbs / 2.6kg
Shipping Weight	11.02lbs / 5.0kg
Temperature	Operating: 0°C to 40°C (32°F to 104°F) Storage: -20°C to 60°C (-4°F to 140°F)
Humidity (non-condensing)	Operating: 10% to 90% Storage: 0% 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	Mini Desktop
Real-Time Clock	Replaceable CR2032 lithium metal battery for clock
MTBF	50,000 hours demonstrated
Other Features	Serviceable internal components. Kensington Mano Security Slot. Kensington lock slot (Standard Size).



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Upgrade Options	256GB M.2 SATA SSD – Elo P/N: E206556 4GB DDR4 Memory SO-DIMM – Elo P/N: E275416 8GB DDR4 Memory SO-DIMM – Elo P/N: E275635
Display Compatibility	90-Series Open Frames (SAW & PCAP) – 1093L, 1291L, 1590L, 1593L, 1790L, 1990L, 1991L, 2094L, 2293L, 2294L, 2295L, 2494L, 2495L, 2794L, 2796L Large Format Open Frames – 3243L, 4243L, 4343L, 5543L Touchscreen Signage – 3202L, 4202L, 4602L, 5502L, 6553L (supports a maximum resolution of 1920 x 1080), 7001LT 02-Series Touchscreen Monitors – 0702L, 1002L, 1302L, 1502L, 1902L, 2002L, 2202L, 2402L, 2702L Any HDMI-capable display, without touch support
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">- EloPOS Pack- North America Power Cord (1800+/-50mm), (6 ft +/- 1 inch) x1pcs- EU Power Cord (1800+/-50mm) x1pcs- Power Adapter – 180W x1pcs- Cable RJ-50 to DB-9 (900+/-30mm), (3 ft +/- 1 inch) x1pcs- USB Type-C cable (1800+/-50mm), (6 ft +/- 1 inch) x1pcs- HDMI cable (1800+/-50mm), (6 ft +/- 1 inch) x1pcs- USB cable (1800+/-50mm), (6 ft +/- 1 inch) x1pcs- SMA Antenna x 2pcs- Quick Installation Guide (QIG)



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Part Number(s) for EloPOS Pack

Part Number	Part Description	Processor	OS	Memory
E924330	EPS00E2-0UWA-0-4G-1S-W1-64-BK	G4900T	Window 10	4GB
E924535	EPS00E3-0UWA-0-8G-1S-W1-64-BK	i3-8100T	Window 10	8GB
E924731	EPS00E5-0UWA-0-8G-1S-W1-64-BK	i5-8500T	Window 10	8GB
E982296	EPS00E2-0UWA-0-4G-1S-NO-00-BK	G4900T	None	4GB
E982670	EPS00E3-0UWA-0-8G-1S-NO-00-BK	i3-8100T	None	8GB
E982479	EPS00E5-0UWA-0-8G-1S-NO-00-BK	i5-8500T	None	8GB



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Documentation List

Document Number	Description
VS600846	VENDOR SPEC, EloPOS Pack
SD609092	DRAWING, EloPOS Pack
MS602507	DIMENSIONAL DRAWING, EloPOS Pack
PS600410	PRODUCT SPECIFICATIONS, EloPOS Pack
ES601358	ENG SPEC, SERVICE MANUAL, EloPOS Pack
QIG600083	QIG, EloPOS Pack
E201880	QUICK INSTALL GUIDE, EloPOS Pack
MD600104	DECLARATIONS OF CONFORMITY, EloPOS Pack
SW602657	SW, IMAGE, EloPOS Pack, Coffeelake
UM600363	USER GUIDE, EloPOS Pack
UM600364	USER GUIDE, EloPOS Pack EU SPANISH
UM600365	USER GUIDE, EloPOS Pack FRENCH
UM600366	USER GUIDE, EloPOS Pack ITALIAN
UM600367	USER GUIDE, EloPOS Pack GERMAN
UM600368	USER GUIDE, EloPOS Pack RUSSIAN
UM600369	USER GUIDE, EloPOS Pack JAPANESE
UM600370	USER GUIDE, EloPOS Pack SIM CHINESE
UM600371	USER GUIDE, EloPOS Pack TRAD CHINESE
UM600372	USER GUIDE, EloPOS Pack KOREAN

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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