



# EloPOS™ System 22-inch FHD

All-in-One Touchscreen Computer



Connectivity-Rich



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 22-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 Unit Replacement service available - If you have an issue with your EloPOS System, just call Elo to have a replacement unit sent.\***

## EloPOS System 22-inch FHD Model

Specifications	Celeron	i3	i5
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 H310 Express	
Video	Intel UHD Graphics 600	Intel UHD Graphics 630	
BIOS	AMI		
Memory (RAM)	4GB 2666MHz DDR4 SO-DIMM on 1 of 2 slots (expandable to 8GB)	4GB 2666MHz DDR4 SO-DIMM on 1 of 2 slots (expandable to 32GB)	8GB 2666MHz DDR4 SO-DIMM on 1 of 2 slots (expandable to 32GB)
Storage	128GB M.2 SATA SSD, 80 TBW; 256GB M.2 SATA SSD, 160 TBW; Optional - M.2 PCIe (NVMe) SSD for selected SKUs		
Operating System Options	No OS; Microsoft Windows 10 IoT Enterprise LTSC 64-bit; Optional - Windows 10 Professional English 64-bit (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	21.5" / 546.1 mm diagonal, active matrix TFT LED LCD		
Surface Treatment	Anti-glare		
Aspect Ratio	16:9 (standard)		
Active Display Area (W x H)	18.74" x 10.54" / 476.1 mm x 267.8 mm		
Native (optimal) Resolution	1920 x 1080 @ 60Hz		
Number of Colors	16.7M		
Brightness (typical)	LCD panel: 250 nits; TouchPro PCAP: 212.5 nits		
Response Time Total (typical)	14 msec		
Viewing Angle (typical)	Horizontal: 89°/89° or 178° total / Vertical: 89°/89° or 178° total		
Contrast Ratio (typical)	1000:1		
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: 31W; i3 Model: 72W; i5 Model: 81W		
Dimensions	With Stand: 16.4" x 20.7" x 10.15" / 416.4 mm x 525.9 mm x 257.8 mm; Without Stand: 16.4" x 20.7" x 3.33" / 416.4 mm x 525.9 mm x 84.7 mm		
Shipping Dimensions	With Stand: 25.35" x 14.76" x 21.57" / 644 mm x 375 mm x 548 mm; Without Stand: 25.35" x 8.9" x 17.72" / 644 mm x 226 mm x 450 mm		
Weight	Unpackaged - With Stand: 19.6 lbs / 8.9 kg; Without Stand: 13.2 lbs / 6 kg / Packaged - With Stand: 26.2 lbs / 11.9 kg; Without Stand: 18.5 lbs / 8.4 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		
Mounting Options	75mm or 100mm VESA mount		
Warranty	3-year warranty; Extended Warranty - 4 year - E819598; 5 year - E819795; 3 year + AUR - E820186; 4 year + AUR - E820388; 5 year + AUR - E820582		
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	Storage	Mount
E937154	EPS22H2-2UWA-1-MT-4G-1S-NO-00-BK	J4105	None	4GB	128GB SSD	Stand
E936953	EPS22H2-2UWA-1-MT-4G-1S-W1-64-BK	J4105	Window 10	4GB	128GB SSD	Stand
E413988	EPS22H2-2UWA-1-MT-4G-1S-NO-00-BK-NS-EXP	J4105	None	4GB	128GB SSD	Wall Mount
E414192	EPS22H2-2UWA-1-MT-4G-1S-W1-64-BK-NS-EXP	J4105	Window 10	4GB	128GB SSD	Wall Mount
E511988	EPS22H2-2UWA-1-MT-8G-1S-NO-00-BK-NS-EXP	J4105	None	8GB	128GB SSD	Wall Mount
E937523	EPS22H3-2UWA-1-MT-4G-1S-NO-00-BK	i3-8100T	None	4GB	128GB SSD	Stand
E937340	EPS22H3-2UWA-1-MT-4G-1S-W1-64-BK	i3-8100T	Window 10	4GB	128GB SSD	Stand
E410884	EPS22H3-2UWA-1-MT-8G-1S-W1-64-BK	i3-8100T	Window 10	8GB	128GB SSD	Stand
E375459	EPS22H3-2UWA-1-MT-4G-1S-NO-00-BK-NS-EXP	i3-8100T	None	4GB	128GB SSD	Wall Mount
E397507	EPS22H3-2UWA-1-MT-4G-1S-W1-64-BK-NS-EXP	i3-8100T	Window 10	4GB	128GB SSD	Wall Mount
E511785	EPS22H3-2UWA-1-MT-8G-1S-NO-00-BK-NS-EXP	i3-8100T	None	8GB	128GB SSD	Wall Mount
E937919	EPS22H5-2UWA-1-MT-8G-1S-NO-00-BK	i5-8500T	None	8GB	128GB SSD	Stand
E937720	EPS22H5-2UWA-1-MT-8G-1S-W1-64-BK	i5-8500T	Window 10	8GB	128GB SSD	Stand
E560404	EPS22H5-2UWA-1-MT-8G-2S-W1-64-BK	i5-8500T	Window 10	8GB	256GB SSD	Stand
E417915	EPS22H5-2UWA-1-MT-6G-2S-W1-64-BK	i5-8500T	Window 10	16GB	256GB SSD	Stand
E938297	EPS22H5-2UWA-1-MT-8G-1S-NO-00-BK-NS-EXP	i5-8500T	None	8GB	128GB SSD	Wall Mount
E938113	EPS22H5-2UWA-1-MT-8G-1S-W1-64-BK-NS-EXP	i5-8500T	Window 10	8GB	128GB SSD	Wall Mount

Learn more about Elo at [EloTouch.com](http://EloTouch.com).

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