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℠ - 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 J4125 (4M Cache, up to 2.7 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	Intel Q370 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 PCle (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 swtich)		
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, UKCA		
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	J4125	None	4GB	128GB SSD	Stand
E936953	EPS22H2-2UWA-1-MT-4G-1S-W1-64-BK	J4125	Window 10	4GB	128GB SSD	Stand
E413988	EPS22H2-2UWA-1-MT-4G-1S-NO-00-BK-NS-EXP	J4125	None	4GB	128GB SSD	Wall Mount
E414192	EPS22H2-2UWA-1-MT-4G-1S-W1-64-BK-NS-EXP	J4125	Window 10	4GB	128GB SSD	Wall Mount
E511988	EPS22H2-2UWA-1-MT-8G-1S-NO-00-BK-NS-EXP	J4125	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**.

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