EloPOS™ System 15-inch HD/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 15.6-inch touchscreen display, choice of Intel 9th 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 9th 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 15-inch HD Model

Specifications	Celeron	i3	i5
Processor	Intel® Celeron® Processor J4125 (4M Cache, up to 2.7 GHz) or G4900T (2M Cache, up to 2.9 GHz)	Intel Core i3-9100TE Processor (6M Smart Cache, up to 3.20 GHz by Intel Turbo Boost Technology 2.0)	Intel Core i5-9500TE Processor (9M Smart Cache, up to 3.60 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 or Intel H310 Express	Intel H310 Express	Intel Q370 Express
Video	Intel UHD Graphics 600 or 610	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 LTSB 64-bit; Optional - Windows 10 Professional 64-bit (Windows 10 - 36 Language groups)		
I/O 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); 1 x Powered USB 24V (on I/O); 2 x Powered USB 12V (on I/O); 2 x RJ45; 12V/24V Cash Drawer Port on I/O (EPSON Pinout, 24V default; selectable by internal switch); 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	15.6" diagonal, active matrix TFT LED LCD		
Surface Treatment	Anti-glare		
Aspect Ratio	16:9 (standard)		
Active Display Area (W x H)	13.55" x 7.62" / 344.2mm x 193.5mm		
Native (optimal) Resolution	1366 x 768 @ 60Hz or 1920 x 1080 @ 60Hz		
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		
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: 24W; i3 Model: 65W; i5 Model: 74W ; SLEEP: < 5W; OFF: BIOS EUP disabled (default) < 4W, BIOS EUP enabled < 0.5W		
Dimensions	With Stand: 15.2" x 14.54" x 8.71" / 386.2mm x 369.3mm x 221.2mm; Without Stand: 15.2" x 9.8" x 2.89" / 386.2mm x 248.9mm x 73.3mm		
Shipping Dimensions	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	Unpackaged - With Stand: 10.8 lbs / 4.9 kg; Without Stand: 6.4 lbs / 2.9 kg / Packaged - With Stand: 16.1 lbs / 7.3 kg; Without Stand: 10.8 lbs / 4.9 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, UKCA, NOM, RCM/R-NZ, VCCI, S-Mark, CCC		
Mounting Options	75mm 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	Processor	OS	Memory	Storage	Mount
E440439 / E545668	J4125 / G4900T	None	4GB	128GB SSD	Stand
E546051	G4900T	Windows 10	4GB	128GB SSD	Stand
E144974 / E554190	J4125 / G4900T	None	8GB	128GB SSD	Stand
E441010 / E546637	J4125 / G4900T	None	4GB	128GB SSD	Wall Mount
E189048 / E546819	J4125 / G4900T	Windows 10	8GB	128GB SSD	Stand
E397891 / E547007	J4125 / G4900T	Windows 10	8GB	256GB SSD	Stand
E440808 / E545479	J4125 / G4900T	Windows 10	4GB	128GB SSD	Wall Mount
E548715	G4900T	None	8GB	128GB SSD	Wall Mount
E441385	i3-9100TE	None	4GB	128GB SSD	Stand
E441193	i3-9100TE	Windows 10	4GB	128GB SSD	Stand
E441781	i3-9100TE	None	4GB	128GB SSD	Wall Mount
E441575	i3-9100TE	Windows 10	4GB	128GB SSD	Wall Mount
E262258	i3-9100TE	Windows 10	8GB	128GB SSD	Wall Mount
E263402	i3-9100TE	None	8GB	128GB SSD	Wall Mount
E442161	i5-9500TE	None	8GB	128GB SSD	Stand
E441968	i5-9500TE	Windows 10	8GB	128GB SSD	Stand
E442550	i5-9500TE	None	8GB	128GB SSD	Wall Mount
E442365	i5-9500TE	Windows 10	8GB	128GB SSD	Wall Mount
E892954	i5-9500TE	Windows 10	8GB	256GB SSD	Wall Mount
E877703	i5-9500TE	Windows 10	16GB	128GB SSD	Stand
E892761	i5-9500TE	Windows 10	8GB	256GB SSD	Stand

Learn more about Elo at **EloTouch.com**.

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* Coverage is available wherever Elo devices are sold in the United States. Select coverage is available in other countries. Terms & Conditions Apply..

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EloPOS System 15-inch FHD Model

Specifications	Celeron	i3	i5
Processor	Intel® Celeron® Processor J4125 (4M Cache, up to 2.7 GHz) or G4900T (2M Cache, up to 2.9 GHz)	Intel Core i3-9100TE Processor (6M Smart Cache, up to 3.20 GHz by Intel Turbo Boost Technology 2.0)	Intel Core i5-9500TE Processor (9M Smart Cache, up to 3.60 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 or Intel H310 Express	Intel H310 Express	Intel Q370 Express
Video	Intel UHD Graphics 600 or 610	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)		
I/O 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); 1 x Powered USB 24V (on I/O); 2 x Powered USB 12V (on I/O); 2 x RJ45; 12V/24V Cash Drawer Port on I/O (EPSON Pinout, 24V default; selectable by internal switch); 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	15.6" diagonal, active matrix TFT LED LCD		
Surface Treatment	Anti-glare		
Aspect Ratio	16:9 (standard)		
Active Display Area (W x H)	13.55" x 7.62" / 344.2mm x 193.5mm		
Native (optimal) Resolution	1366 x 768 @ 60Hz or 1920 x 1080 @ 60Hz		
Number of Colors	262,144		
Brightness (typical)	LCD panel: 300 nits; TouchPro PCAP: 255 nits		
Response Time Total (typical)	25 msec		
Viewing Angle (typical)	Horizontal: 80°/80° or 160° total / Vertical: 80°/80° or 160° total		
Contrast Ratio (typical)	700:1		
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: 26W; i3 Model: 67W; i5 Model: 76W ; SLEEP: < 5W; OFF: BIOS EUP disabled (default) < 4W, BIOS EUP enabled < 0.5W		
Dimensions	With Stand: 15.2" x 14.54" x 8.71" / 386.2mm x 369.3mm x 221.2mm; Without Stand: 15.2" x 9.8" x 2.89" / 386.2mm x 248.9mm x 73.3mm		
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Weight	Unpackaged - With Stand: 10.8 lbs / 4.9 kg; Without Stand: 6.4 lbs / 2.9 kg / Packaged - With Stand: 16.1 lbs / 7.3 kg; Without Stand: 10.8 lbs / 4.9 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	All models: UL/cUL, FCC, TUV, CE, CB, UKCA, NOM, RCM/R-NZ, VCCI, S-Mark, CCC / i3 and i5 FHD models only: BSMI, KCC, SIRIM, IMDA, NBTC		
Mounting Options	75mm 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	Processor	OS	Memory	Touch Interface	Mount
E545297	G4900T	None	4GB	128GB SSD	Stand
E935367	J4125	Windows 10	4GB	128GB SSD	Stand
E547381	G4900T	None	8GB	128GB SSD	Stand
E548147	G4900T	Windows 10	8GB	128GB SSD	Stand
E547750	G4900T	None	4GB	128GB SSD	Wall Mount
E548331	G4900T	Windows 10	4GB	128GB SSD	Wall Mount
E935775	i3-9100TE	Windows 10	4GB	128GB SSD	Stand
E407627	i3-9100TE	None	4GB	128GB SSD	Wall Mount
E396134	i3-9100TE	Windows 10	4GB	128GB SSD	Wall Mount
E899520	i3-9100TE	None	8GB	256GB SSD	Wall Mount
E664384	i3-9100TE	Windows 10	8GB	512GB SSD	Stand
E936365	i5-9500TE	None	8GB	128GB SSD	Stand
E936163	i5-9500TE	Windows 10	8GB	128GB SSD	Stand
E936750	i5-9500TE	None	8GB	128GB SSD	Wall Mount
E936556	i5-9500TE	Windows 10	8GB	128GB SSD	Wall Mount
E939305	i5-9500TE	Windows 10	16GB	256GB SSD	Stand
E536624	i5-9500TE	Windows 10	8GB	256GB SSD	Stand
E939498	i5-9500TE	Windows 10	16GB	256GB SSD	Wall Mount
E986218	i5-9500TE	None	16GB	512GB SSD	Stand

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