



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 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 EloCareSM - 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 | i2 | 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 | 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) | 4GB 2400MHz DDR4 SO-DIMM on 1 of 2 slots (expandable to 32GB) | 8GB 2400MHz DDR4 SO-DIMM on 1 of 2 slots (expandable to 32GB) |
| Storage | 128GB M.2 SATA SSD, 72 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 | | |
| Languages | 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 | 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 | | |
| 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 | With Stand: 10.8lbs / 4.9kg; Without Stand: 6.4lbs / 2.9kg | | |
| Shipping Weight | 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 | | |
| Mounting Options | 75mm VESA mount | | |
| Warranty | 3-year warranty extendable up to 5 years | | |
| Extended Warranty Options | 4 year - Elo P/N: E819598; 5 year - Elo P/N: E819795 3 year + AUR - Elo P/N: E820186; 4 year + AUR - Elo P/N: E820388; 5 year + AUR - Elo P/N: 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 | Touch Interface | Mount |
|-------------|---|-----------|-----------|--------|-----------------|------------|
| E440439 | EPS15E2-2UWA-1-MT-4G-1S-NO-00-BK | J4105 | None | 4GB | USB | Stand |
| E440234 | EPS15E2-2UWA-1-MT-4G-1S-W1-64-BK | J4105 | Window 10 | 4GB | USB | Stand |
| E441010 | EPS15E2-2UWA-1-MT-4G-1S-NO-00-BK-NS-EXP | J4105 | None | 4GB | USB | Wall Mount |
| E440808 | EPS15E2-2UWA-1-MT-4G-1S-W1-64-BK-NS-EXP | J4105 | Window 10 | 4GB | USB | Wall Mount |
| E441385 | EPS15E3-2UWA-1-MT-4G-1S-NO-00-BK | i3-8100T | None | 4GB | USB | Stand |
| E441193 | EPS15E3-2UWA-1-MT-4G-1S-W1-64-BK | i3-8100T | Window 10 | 4GB | USB | Stand |
| E441781 | EPS15E3-2UWA-1-MT-4G-1S-NO-00-BK-NS-EXP | i3-8100T | None | 4GB | USB | Wall Mount |
| E441575 | EPS15E3-2UWA-1-MT-4G-1S-W1-64-BK-NS-EXP | i3-8100T | Window 10 | 4GB | USB | Wall Mount |
| E442161 | EPS15E5-2UWA-1-MT-8G-1S-NO-00-BK | i5-8500T | None | 8GB | USB | Stand |
| E441968 | EPS15E5-2UWA-1-MT-8G-1S-W1-64-BK | i5-8500T | Window 10 | 8GB | USB | Stand |
| E442550 | EPS15E5-2UWA-1-MT-8G-1S-NO-00-BK-NS-EXP | i5-8500T | None | 8GB | USB | Wall Mount |
| E442365 | EPS15E5-2UWA-1-MT-8G-1S-W1-64-BK-NS-EXP | i5-8500T | Window 10 | 8GB | USB | Wall Mount |

To find out more about our extensive range of Elo touch solutions, go to elotouch.com, or call the office nearest you.

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EloPOS System 15-inch FHD Model

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|---------------------------------------|---|---|--|
| 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 | 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) | 4GB 2400MHz DDR4 SO-DIMM on 1 of 2 slots (expandable to 32GB) | 8GB 2400MHz DDR4 SO-DIMM on 1 of 2 slots (expandable to 32GB) |
| Storage | 128GB M.2 SATA SSD, 72 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 | | |
| Languages | 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 | 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 | | |
| 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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| Regulatory approvals and declarations | UL/cUL, FCC, TUV, CE, CB, Mexico NOM, C-Tick/RCM, VCCI, Argentina S-Mark, CCC | | |
| Mounting Options | 75mm VESA mount | | |
| Warranty | 3-year warranty extendable up to 5 years | | |
| Extended Warranty Options | 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 | | |
| 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 | Touch Interface | Mount |
|-------------|---|-----------|-----------|--------|-----------------|------------|
| E935572 | EPS15H2-2UWA-1-MT-4G-1S-NO-00-BK | J4105 | None | 4GB | USB | Stand |
| E935367 | EPS15H2-2UWA-1-MT-4G-1S-W1-64-BK | J4105 | Window 10 | 4GB | USB | Stand |
| E935967 | EPS15H3-2UWA-1-MT-4G-1S-NO-00-BK | i3-8100T | None | 4GB | USB | Stand |
| E935775 | EPS15H3-2UWA-1-MT-4G-1S-W1-64-BK | i3-8100T | Window 10 | 4GB | USB | Stand |
| E936365 | EPS15H5-2UWA-1-MT-8G-1S-NO-00-BK | i5-8500T | None | 8GB | USB | Stand |
| E936163 | EPS15H5-2UWA-1-MT-8G-1S-W1-64-BK | i5-8500T | Window 10 | 8GB | USB | Stand |
| E936750 | EPS15H5-2UWA-1-MT-8G-1S-NO-00-BK-NS-EXP | i5-8500T | None | 8GB | USB | Wall Mount |
| E936556 | EPS15H5-2UWA-1-MT-8G-1S-W1-64-BK-NS-EXP | i5-8500T | Window 10 | 8GB | USB | Wall Mount |
| E939305 | EPS15H5-2UWA-1-MT-6G-2S-W1-64-BK | i5-8500T | Window 10 | 16GB | USB | Stand |
| E939498 | EPS15H5-2UWA-1-MT-6G-2S-W1-64-BK-NS-EXP | i5-8500T | Window 10 | 16GB | USB | Wall Mount |

To find out more about our extensive range of Elo touch solutions, go to elotouch.com, or call the office nearest you.

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