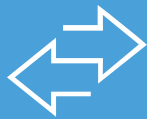




# E-Series 3

All-in-One Touchscreen Computer



Integrated I/O Hub



WiFi & Bluetooth 5.3



3-year warranty

## Product Overview

Purpose-built for point of sale, the E-Series 3 offers a 15.6-inch touchscreen display, Intel's N97 processor and integrated connectivity for all the peripherals you need. From cash drawers and printers to barcode scanners and payment devices – there is connectivity to cover it all.

The E-Series 3 utilizes the reliability-tested performance and security of Intel's processors, integrated Trusted Platform Modules and the Windows 11 operating system. For added flexibility, the E-Series 3 offers models with no OS - all pretested with Linux SuSE, Ubuntu and Red Hat operating systems, providing businesses the best solution for their environment.

**Elo Edge Connect™ compatibility - EMV, MSR, barcode scanner, fingerprint reader and customer-facing display**

**Sleek edge-to-edge glass  
10-touch PCAP touchscreen**

**USB-C connectivity makes it easy to connect a CFD - providing touch, data and power with just one cable.**

E-Series 3 All-in-One Touchscreen Computer

| Specifications                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Enclosure Color                                                                                               | Black                                                                                                                                                                                                                                                                                                                                                                                                  |
| Active Display Area (W x H)                                                                                   | 13.55" x 7.62" / 344.2mm x 193.5mm                                                                                                                                                                                                                                                                                                                                                                     |
| Display                                                                                                       | 15.6" / 396.24 mm diagonal, active matrix TFT LED LCD                                                                                                                                                                                                                                                                                                                                                  |
| Touch Technologies                                                                                            | TouchPro® PCAP with up to 10 touches                                                                                                                                                                                                                                                                                                                                                                   |
| Aspect Ratio                                                                                                  | 16:9 (standard)                                                                                                                                                                                                                                                                                                                                                                                        |
| Native (optimal) Resolution                                                                                   | 1920 x 1080 @ 60Hz                                                                                                                                                                                                                                                                                                                                                                                     |
| Number of Colors                                                                                              | 262k                                                                                                                                                                                                                                                                                                                                                                                                   |
| Brightness (typical)                                                                                          | LCD panel: 200 nits, TouchPro PCAP: 170 nits                                                                                                                                                                                                                                                                                                                                                           |
| Viewing Angle (typical)                                                                                       | Horizontal: 89°/89° or 178° total / Vertical: 89°/89° or 178° total                                                                                                                                                                                                                                                                                                                                    |
| Contrast Ratio (typical)                                                                                      | 500:1                                                                                                                                                                                                                                                                                                                                                                                                  |
| Response Time Total (typical)                                                                                 | 25 msec                                                                                                                                                                                                                                                                                                                                                                                                |
| Processor                                                                                                     | Intel Processor N97 (6M Smart Cache, up to 3.60 GHz)                                                                                                                                                                                                                                                                                                                                                   |
| Memory (RAM)                                                                                                  | 8GB 4800MHz DDR5 SO-DIMM on 1 slots (Expandable to 16GB maximum1 on 1 slots)                                                                                                                                                                                                                                                                                                                           |
| Storage                                                                                                       | 128GB M.2 PCIe (NVMe) SSD <sup>3</sup> , 80 TBW                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                               | 256GB M.2 PCIe (NVMe) SSD <sup>3</sup> , 160 TBW                                                                                                                                                                                                                                                                                                                                                       |
| <sup>3</sup> GB equals one billion bytes when referring to storage capacity. Accessible capacity may be less. |                                                                                                                                                                                                                                                                                                                                                                                                        |
| Operating System Options                                                                                      | No Operating System<br>Microsoft Windows 11 IoT Enterprise LTSC 64-bit 2024                                                                                                                                                                                                                                                                                                                            |
| Languages                                                                                                     | Windows 11 - 36 Language groups                                                                                                                                                                                                                                                                                                                                                                        |
| TPM                                                                                                           | Intel® Platform Trust Technology (Intel® PTT)                                                                                                                                                                                                                                                                                                                                                          |
| Video                                                                                                         | Intel UHD Graphics                                                                                                                                                                                                                                                                                                                                                                                     |
| BIOS                                                                                                          | AMI                                                                                                                                                                                                                                                                                                                                                                                                    |
| Wireless Connectivity                                                                                         | 802.11 a/b/g/n/ac/ax 2.4GHz, 5GHz and 6GHz; Bluetooth 5.3                                                                                                                                                                                                                                                                                                                                              |
| I/O Ports                                                                                                     | 1 x RJ45 LAN (Gigabit) Port<br>2 x USB 3.0 Ports<br>2 x USB 2.0 Ports<br>2 x Micro USB 2.0 Ports for Elo Edge Connect peripherals(Right/Bottom)<br>2 x RJ45 Serial Port<br>1 x 12V/24V Cash Drawer Port (EPSON Pinout, 24V default; selectable by BIOS setting)<br>1 x Full-function USB-C Port (Power up to 27W, USB 3.0, Display Port, Additional Video Out)<br>1 x Audio Port (3.5 mm headset jack) |
| Speakers                                                                                                      | Two 2W internal speakers                                                                                                                                                                                                                                                                                                                                                                               |
| Control Buttons                                                                                               | Power Button                                                                                                                                                                                                                                                                                                                                                                                           |
| Power                                                                                                         | External 19VDC universal-type power supply brick; AC input voltage: 100-240 VAC; Input frequency: 50-60 Hz; Maximum output power: 90W                                                                                                                                                                                                                                                                  |
| Max Power Consumption                                                                                         | On: <30W; Sleep: < 2W; Off: < 0.5W                                                                                                                                                                                                                                                                                                                                                                     |
| Dimensions                                                                                                    | 14.56" x 7.19" x 11.75" / 370.4 mm x 182.6 mm x 298.4 mm                                                                                                                                                                                                                                                                                                                                               |
| Shipping Dimensions                                                                                           | 18.3" x 10.3" x 14.8" / 465 mm x 262 mm x 376 mm                                                                                                                                                                                                                                                                                                                                                       |
| Weight                                                                                                        | Unpackaged: 7 lbs / 3.2 kg / Packaged: 11 lbs / 5.0 kg                                                                                                                                                                                                                                                                                                                                                 |
| Temperature                                                                                                   | Operating: 0°C to 35°C (32°F to 95°F); Storage: -20°C to 60°C (-4°F to 140°F) <sup>5</sup><br><sup>5</sup> The thermal report pass airflow 0.5m/s + CPU Minimum assured power condition. For non-OS SKUs, recommend installing the Elo optimize TDP tool for better performance.                                                                                                                       |
| Humidity (non-condensing)                                                                                     | Operating: 20% to 80%; Storage: 5% to 95% (38.7°C max wet bulb temperature)                                                                                                                                                                                                                                                                                                                            |
| Real-Time Clock                                                                                               | Replaceable CR2032 lithium metal battery for clock                                                                                                                                                                                                                                                                                                                                                     |
| MTBF                                                                                                          | 50,000 hours demonstrated                                                                                                                                                                                                                                                                                                                                                                              |
| Sealability                                                                                                   | Touchscreen sealed to sub-bezel; Touchscreen sealed to LCD                                                                                                                                                                                                                                                                                                                                             |
| Other Features                                                                                                | Serviceable internal components; Kensington lock                                                                                                                                                                                                                                                                                                                                                       |
| Regulatory approvals and declarations                                                                         | Canada cUL, IC; United States UL, FCC; Germany, TUV; Europe CE; Australia RCM; United Kingdom UKCA; International CB; Argentina S-Mark; Mexico NOM; RoHS CoC; China CCC SRRC                                                                                                                                                                                                                           |
| Mounting Options                                                                                              | 75mm VESA mount                                                                                                                                                                                                                                                                                                                                                                                        |
| Warranty                                                                                                      | 3-year warranty                                                                                                                                                                                                                                                                                                                                                                                        |
| Extended Warranty                                                                                             | 4 yr - Elo P/N: E819598; 5 yr - Elo P/N: E819795; 3 yr + AUR - Elo P/N: E820186; 4 yr + AUR - Elo P/N: E820388; 5 yr + AUR - Elo P/N: E820582                                                                                                                                                                                                                                                          |
| What's in the box                                                                                             | E-Series 3, North America Power Cord, EU Power Cord, Power Adapter - 90W, Series Port Cable RJ-45 to DB-9, Quick Installation Guide (QIG), Cable tie                                                                                                                                                                                                                                                   |

Ordering Information

| Part Number | OS         | Processor | Memory | Storage | WiFi |
|-------------|------------|-----------|--------|---------|------|
| E850098     | No OS      | N97       | 8GB    | 128GB   | Yes  |
| E849902     | Windows 11 | N97       | 8GB    | 128GB   | Yes  |
| E850312     | No OS      | N97       | 8GB    | 128GB   | No   |
| E849711     | Windows 11 | N97       | 8GB    | 128GB   | No   |
| E153661     | No OS      | N97       | 16GB   | 256GB   | Yes  |
| E153259     | Windows 11 | N97       | 16GB   | 256GB   | Yes  |

Learn more about Elo at [EloTouch.com](https://www.elotouch.com).

|                                                                        |                                                                      |                                                                |
|------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------|
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