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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[3], 80 TBW 256GB M.2 PCIe (NVMe) SSD[3], 160 TBW [3]GB equals one billion bytes when referring to storage capacity. Accessible capacity may be less.
Operating System Options	No Operating System 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 2 x USB 3.0 Ports 2 x USB 2.0 Ports 2 x Micro USB 2.0 Ports for Elo Edge Connect peripherals(Right/Bottom) 2 x RJ45 Serial Port 1 x 12V/24V Cash Drawer Port (EPSON Pinout, 24V default; selectable by BIOS setting) 1 x Full-function USB-C Port (Power up to 27W, USB 3.0, Display Port, Additional Video Out) 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)[5] [5]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**.

Americas
Tel +1 408 597 8000
elosales.na@elotouch.com

Europe (EMEA)
Tel +32 16 930 136
EMEA.Sales@elotouch.com

Asia Pacific
Tel +86 (21) 3329 1385
EloAsia@elotouch.com

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