

- “Designed for Touch” from the ground up
- compact, ruggedized touchcomputer
- Customer-installable peripherals
- Intel processor



## 15E1 All-in-One Touchcomputer

The 15E1 E-Series touchcomputer is an elegant, retail-hardened touch solution with a small footprint, developed to fit into hospitality and retail environments. The compact, ruggedized touchcomputer is a space-saving All-in-One system that features 2GM of memory and a 15-inch widescreen zero-bezel touchscreen at the same price and performance as a separate monitor and PC setup. Designed to fit on top of a cash drawer, it can also be wall- or pole-mounted depending on the installation needs.

The 15E1 supports third party peripherals through four (4) USB and two (2) serial ports and has a second VGA output to add a second display for advertising and customer communication. The connections are all nicely hidden from view in the I/O bay, offering a clean, modern look while avoiding incidental disconnection.

The 15E1 touchcomputer is designed for convenient, on-the-spot service: easy access to main components allows easy service and upgrade capability. The 15E1 iTouch touchscreen a new benchmark for surface acoustic wave touch technology that features a sleek glass-to-edge seamless design. A proprietary innovation, iTouch technology moves all of the touch detection hardware to the backside of the touchscreen. The result is a completely flat, pure-glass touch surface that is elegant and easy to clean. With no moving parts to wear out, touch response is fast, accurate, and drift-free using a finger, gloved hand, or soft stylus. Pure glass construction allows high light transmission without compromising durability or functionality.



### Features:

- Small footprint, retail-hardened, flexible touchcomputer
- Fast, accurate, and drift-free touch response using a finger, gloved hand, or soft stylus
- Customer-installable peripherals

### Benefits:

- Zero-bezel model provides a seamless, edge-to-edge design for a sleek appearance that is easy to clean and maintain
- Pure glass touchscreen for optimal picture quality is factory sealed to resist spills, dust and grease
- Stability to withstands the rigors of use in a public environment

### About Elo

Elo founders pioneered the touch screen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touchmonitors, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

## 15E1 All-in-One Touchcomputer

|   |  |
|---|--|
| Enclosure color   | Black  |
| Screen Size   | 15.6"  |
| Processor   | Intel 1.6GHz Atom N270; 512KB L2 Cache; 533MHz System Bus  |
| Chipset   | Intel 945GSE Express   |
| Video   | Intel GMA 950  |
| BIOS  | Phoenix  |
| Memory (RAM) 533 MHz min  | 2GB DDR2 SODIMM on 1 of 1 slot   |
| Hard Disk Drive   | 160GB 2.5" SATA HDD  |
| USB Ports   | 4 x USB 2.0  |
| Serial Ports  | 2 x Native DB9 RS-232 (standard)   |
| Ethernet Port   | 1 x LAN RJ45 (Gigabit)   |
| Additional Video Out  | 2nd VGA out  |
| Audio Ports   | 1 x 3.5mm line out   |
| Operating System Options  | No Operating System  |
| Display   | 15.6" diagonal, active matrix TFT LED LCD  |
| Aspect Ratio  | 16:9 (wide)  |
| Useful Screen Area (H x V)  | 13.6" x 7.6" (344.2mm x 193.5mm)   |
| Native (optimal) Resolution   | 1366 x 768 @ 60Hz  |
| Colors  | 262K (6-bit)   |
| Brightness (typical)  | LCD panel: 220 nits; iTouch: 198 nits  |
| Response Time (typical)   | Total: 16 msec   |
| Viewing Angle (typical)   | Horizontal: ±40° or 80° total; Vertical: 10°/30° or 40° total  |
| Contrast Ratio (typical)  | 400:1  |
| On-Screen Display (OSD)   | N/A (brightness adjustable using Elo diagnostic tool included)   |
| Available Touch Technologies  | iTouch (zero-bezel surface acoustic wave)  |
| Power Supply  | External 12VDC universal-type power supply brick; AC input voltage: 100-240VAC; Input frequency: 50-60Hz; Maximum output power: 50W (Max draw: 57.5W)  |
| Maximum Power Consumption (without peripherals)                                   | 38W  |
| Touchcomputer Dimensions (max. with stand, dimensions vary with fill and options) | 15.4" x 13.0" x 6.3" (390mm x 330mm x 161mm)   |
| Shipping Box Dimensions (W x H x D)   | 18.1" x 15.8" x 9.8" (460mm x 400mm x 250mm)   |
| Weight (with stand)   | 9.9lbs (4.5kg)   |
| Shipping Weight   | 15.2lbs (6.9kg)  |
| Temperature   | Operating: 0°C to 35°C (32°F to 95°F); Storage: -30°C to 60°C (-22°F to 140°F)   |
| Humidity (non-condensing)   | Operating: 20% to 80%; Storage: 5% to 95%  |
| Mounting Options  | Wall mount or secure base to tabletop/desktop  |
| Real-Time Clock   | Replaceable lithium-ion battery for clock  |
| Sealing   | Touchscreen sealed to sub-bezel; Touchscreen sealed to LCD   |
| Other Features  | Serviceable internal components; Removable baseplate; Threaded holes on bottom of baseplate for mounting, Kensington security lock   |
| Power Cables  | North American and European power cables included; other regions available upon request.   |
| Accessories   | Power Cables: North American and European power cables included; Other regions available upon request; Wall Mount Kit: Bracket and screws for wall mount included. Driver CD: Drivers and diagnostic tool CD included; Replacement DC Power Brick: 12V DC power brick, part number E757851, is available at additional cost. |
| Optional Peripherals  | Magnetic Stripe Reader (MSR) E545781; Customer display (with touch E791658 or without touch E807955)   |
| Warranty  | 1 year   |
| MTBF  | 50,000 hours demonstrated  |
| Agency Approvals  | CE, CCC, GOST-R, UKSERTCOMPUTER, BelGiss, KONCAR, KVALITET, SII, NOM CoC   |

<sup>1</sup>Maximum memory using 1 available slot; replacement for single, pre-installed memory module. Replaceable up to 2GB maximum, SODIMM DDR2-533 (PC2-4200, dual channel) or DDR2-800 (PC2-6400, dual channel). <sup>2</sup>GB equals one billion bytes when referring to storage capacity. Accessible capacity may be less.

## Ordering table

| Model | Part Number | Technology | Operating System | Color | Availability              |
|-------|-------------|------------|------------------|-------|---------------------------|
| 15E1  | E000591     | iTouch     | No OS            | Black | EMEA, Latin America, Asia |

To find out more about our extensive range of Elo touch solutions, go to [www.elotouch.com](http://www.elotouch.com), or call the office nearest you.

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