



## C-Series Model C3 Rev. B All-in-One Touchcomputers

**In a stylish, compact design, the Elo Touch Solutions C-Series provides highly configurable, ruggedized touchcomputers** in two screen sizes: 19-inch and 22-inch, plus the choice of industry-leading Elo touchscreen technologies. The C-Series touchcomputer family has been developed to meet the demanding needs of a wide variety of point-of-sale (POS), point-of-information (POI), and point-of-service venues, including retail and hospitality display units, customer loyalty systems, internet access sites and mobile kiosks.

The C-Series All-in-One touchcomputer platform offers big, bright LED HD displays in a wide-aspect ratio. This makes the C-Series an excellent choice for retail point-of-information, countertop product demonstration or customer information systems. In addition, hospitality host and seating systems that depend on an accurate display of restaurant layouts can utilize the wide screen of the C-Series and the additional screen space available to display their seating/ floorspace. The C-Series is RoHS compliant, and includes an enclosure design that is resistant to dripping water with an IPX1 rating, protecting the unit from liquid drops and spills. The C-Series is an excellent fit for a wide variety of retail and hospitality settings.

The C-Series touchcomputers bring flexibility with your choice of connectivity, serviceability with easy access to key components, and a choice in processing power. In addition, an array of field-installable peripherals, spill-resistant sealing, and a full range of standard input/ output port connections make the C-Series both versatile and powerful.

The C-Series is engineered for flexibility, with optional memory and storage configurations, as well as scalable computing power featuring two high-performance processor configurations:

- C3 models (19C3 and 22C3) with fan-cooled 3rd Generation Intel Core-i3, 3.3GHz i3-3220 processor and HD2500 graphics
- C2 models (19C2 and 22C2) with fan-less Intel Atom Dual-Core 1.86GHz N2800 processor

### Features

- 19" and 22" HD wide-screen display options
- A choice of high performance CPU options
- Built-in second VGA output port for second display
- Pole mount or stable stand and tilt display
- Two touch technologies available:
  - AccuTouch ("no-bezel" resistive)
  - iTouch Plus (zero-bezel multi-touch surface acoustic wave)
- Bright, high-contrast LED displays
- 3 year standard warranty plus Elo quality and reliability

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## Computer Specifications

### 19C3 19-inch model:

### 22C3 22-inch model:

Enclosure color	Dark grey	
Processor	3rd Generation Intel Core-i3 3.3GHz i3-3220; 3MB Intel Smart Cache; 5 GT/s Direct Media Interface (DMI)	
Memory (RAM)	2GB 1333MHz DDR3 SO-DIMM on 1 of 2 slots (expandable to 8GB maximum on 2 slots)	
Chipset	Intel H61 Express	
Video	Intel HD Graphics 2500	
Built-in RAID	RAID 0 or 1 supported	
Serial Ports	2 x Native RS-232	
USB Ports	6 x USB 2.0 (4 on I/O, 1 x USB Side Access, 1 x USB hidden/protected). (Additional internal ports available for optional Elo peripherals.)	
Ethernet Port	1 x LAN RJ45 (Gigabit)	
Cash Drawer Port	Built-in 12V/24V Cash Drawer Port (24V default; selectable via jumper)	
Additional Video Out	1 x 2nd VGA out port	
Audio Ports	1 x 3.5mm line in; 1 x 3.5mm line out; 1 x 3.5mm mic in	
Speakers	Two 2W internal speakers	
Hard Disk Drive	320GB 2.5" 5400rpm Advanced Format (4K) SATA HDD	
Operating System Options	No Operating System; Microsoft Windows XP Professional Service Pack 3 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (64-bit and 32-bit)	
Languages	Windows XP—24 Language groups; Windows 7—35 Language groups	
Touchcomputer Dimensions (max. with stand, dimensions vary with tilt and options)	18.7" x 14.9" x 8.9" (474.6mm x 379.6mm x 226.1mm)	21.2" x 15.3" x 8.9" (539.8mm x 388.8mm x 226.1mm)
Weight (with stand)	18.3 lbs (8.3kg)	20.7 lbs (9.4kg)
Weight (without stand)	14.3 lbs (6.5kg)	16.8 lbs (7.6kg)
Shipping Weight	26.7 lbs (12.1kg)	29.3 lbs (13.3kg)
Shipping Box Dimensions	23.2" x 19.5" x 14.2" (590mm x 495mm x 360mm)	26" x 20.3" x 14.2" (660mm x 516mm x 360mm)
Power Consumption (max.)	74W (without peripherals)	87W (without peripherals)
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%	
Warranty	3 years	
MTBF	50,000 hours demonstrated	
Power Supply	External 12VDC universal-type power supply brick; AC input voltage: 100-240VAC; Input frequency: 50-60Hz; maximum output power: 150W (max. draw: 170W)	
Agency Certification	UL/cUL, FCC, TUV, CE, CB, Mexico COC, Argentina S-mark (power brick only) C-Tick, VCCI, IPX1	
Other Features	Serviceable internal components; removable base with 100mm VESA mounting; threaded holes on bottom of base for mounting; Kensington security lock; IPX1 drip-proof rating	

## Display Specifications

Display	18.5" diagonal, active matrix TFT LED LCD	21.5" diagonal, active matrix TFT LED LCD
Aspect Ratio	16:9	
Useful Screen Area (H x V)	16.1" x 9.1" (409.8mm x 230.4mm)	18.8" x 10.6" (476.64mm x 268.11mm)
Response Time—total (typical)	1366 x 768 @ 60Hz	1920 x 1080 @ 60Hz
Colors	16.7 million	
Brightness (typical)	LCD panel: 250 nits; AccuTouch: 200 nits; iTouch Plus: 225 nits	
Response Time—total (typical)	5 ms	
Viewing Angle (typical)	Horizontal: ±85° or 170° total; Vertical: ±80° or 160° total	
Contrast Ratio (typical)	1000:1	
Controls (bottom)	Power, brightness up, brightness down, volume up, volume down	
Security Lockouts	Power and control buttons lock	
Available Touch Technologies	AccuTouch ("no-bezel" resistive); iTouch Plus (zero-bezel multi-touch surface acoustic wave)	

For updated specifications and more information, please visit [www.elotouch.com](http://www.elotouch.com).

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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