



## C-Series Model C2 Rev. B Fan-less 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 of 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:

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

### 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

# C-Series Model C2 Rev. B Fan-less All-in-One Touchcomputers

## Computer Specifications

### 19C2 19-inch model:

### 22C2 22-inch model:

|   |   |   |
|---|---|---|
| Enclosure Color   | Dark grey or white (limited models)   |   |
| Processor   | Intel 1.86GHz Atom Dual-Core N2800; 1MB L2 Cache; 2.5 GT/s Direct Media Interface (DMI)   |   |
| Memory (RAM)  | 2GB 1333MHz DDR3 SO-DIMM on 1 of 2 slots (expandable to 4GB max. on 2 slots)  |   |
| Chipset   | Intel NM10 Express  |   |
| Video   | Intel GMA 3600  |   |
| 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 (32-bit only)                        |   |
| 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"<br>(474.6mm x 379.6mm x 226.1mm)   | 21.2" x 15.3" x 8.9"<br>(539.8mm x 388.8mm x 226.1mm) |
| Weight (with stand)   | 18.3 lbs (8.3kg)  | 20.1 lbs (9. kg)                                      |
| Weight (without stand)  | 14.3 lbs (6.5kg)  | 16.1 lbs (7.3kg)                                      |
| Shipping Weight   | 26.5 lbs (12.0kg)   | 28.4 lbs (12.9kg)                                     |
| 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.)  | 52W (without peripherals)   | 54W (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)       |
| Native (optimal) Resolution   | 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.

|                           |                              |                        |                       |                      |
|---------------------------|------------------------------|------------------------|-----------------------|----------------------|
| <b>North America</b>      | 800-ELO-TOUCH                | <b>Europe</b>          | <b>Asia-Pacific</b>   | <b>Latin America</b> |
| Elo Touch Solutions       | Tel 1-650-361-4800           | Tel +32 (0)16 35 21 00 | Tel +81 (45) 478-2161 | Tel 786-923-0251     |
| 301 Constitution Drive    | Fax 1-650-361-4722           | Fax +32 (0)16 35 21 01 | Fax +81 (45) 478-2180 | Fax 305-931-0124     |
| Menlo Park, CA 94025-1110 | customerservice@elotouch.com | elosales@elotouch.com  | www.tps.co.jp         | www.elotouch.com.ar  |

Elo Touch Solutions, Inc. reserves the right to change or update, without notice, any information contained herein; to change, without notice, the design, construction, materials, processing or specifications of any products; and to discontinue or limit production or distribution of any products. AccuTouch, Elo (logo), Elo Touch Solutions and iTouch are trademarks of Elo Touch Solutions, Inc. Windows is a trademark of Microsoft Corporation.  
Copyright 2013 Elo Touch Solutions, Inc. All rights reserved. DS000035, rev 02/2013



[www.L-TronDirect.com](http://www.L-TronDirect.com)

800-830-9523

[info@L-Tron.com](mailto:info@L-Tron.com)

596 Fishers Station Dr | Victor, NY | 14564 | Suite 1 A

[www.L-Tron.com](http://www.L-Tron.com)

Get in touch with us  
on social media!

