



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.

To find out more about our extensive range of Elo touch solutions, go to www.elotouch.com, or call the office nearest you.

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