



C-Series “Fanless Cool and Quiet” All-in-One LCD Desktop Touchcomputers

In a stylish, compact design, the Elo TouchSystems C-Series provides highly configurable, ruggedized touchcomputers, in two screen sizes: 19-inch and 22-inch, plus the choice of industry-leading TE 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, digital signage as well as bedside entertainment, home automation and control.

The C-Series All-in-One touchcomputer platform offers big, bright 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 also 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. As a result 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 configuration and 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 selection of input/output port connection options make the C-Series both versatile and powerful. It is designed with your future in mind, allowing easy field serviceability of all of the main components.

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:

- “Fanless Cool and Quiet” 19C2 and 22C2 with Intel Atom Dual-Core 1.66 GHz
- For a higher powered solution, consider the “Performance Ultra” 19C3 and 22C3 solutions with a cooling fan and Intel Core 2 Duo 3.0 GHz

Features

- 19” and 22” HD wide-screen display options
- A choice of high performance CPU options
- PCI Express expansion capabilities
- Optional 2nd VGA output port for 2nd display
- Pole mount or stable stand and tilt display
- Three touch technologies available:
 - AccuTouch (zero-bezel resistive)
 - IntelliTouch Plus (multi-touch surface acoustic wave)
 - iTouch (zero-bezel surface acoustic wave)
- Bright, high-contrast LCD display



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Computer Specifications	19C2 19-inch model:	22C2 22-inch model:
Enclosure color	Dark grey (Medical/Japan models are white)	
Processor	Intel 1.66GHz Atom Dual-Core D510, 1MB L2 Cache, 533MHz System Bus	
Chipset	Intel NM10 Express	
Video	Intel GMA 3150	
BIOS	AMI	
Memory (RAM)/800 MHz min	2GB DDR2 DIMM on 1 of 2 slots (expandable to 4GB maximum on 2 slots)	
Hard Disk Drive	160GB 2.5" SATA HDD	
USB Ports	6 x USB 2.0 (4 on I/O, 2 x USB front access). Additional internal ports available.	
Serial Ports	2 x USB-to-Serial RS-232 (standard)	
Ethernet Port	1 x LAN RJ45 (Gigabit)	
Audio Ports	1 x 3.5mm line in; 1 x 3.5mm line out	
Speakers	Two 2W internal speakers	
Operating System Options	No Operating System; Microsoft Windows POSReady 2009; Microsoft Windows 7 Professional (32-bit only)	
Languages	Windows POSReady 2009—32 Language groups; Windows 7—35 Language groups	
Power Supply	External 12VDC universal-type power supply brick; AC input voltage: 100-240VAC; Input frequency: 50-60Hz; maximum output power: 240W (max. draw: 270W)	
Power Consumption (max.)	54W (without peripherals)	
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)
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)
Weight (with stand)	20.1lbs (9.1kg)	22.2lbs (10.1kg)
Weight (without stand)	16.1lbs (7.3kg)	18.3lbs (8.3kg)
Shipping Weight	30.1lbs (13.6kg)	32.7lbs (14.9kg)
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%	
Backlight Lamp Life	Minimum 50,000 hours to half brightness	
Warranty	3 years	
MTBF	50,000 hours demonstrated	
Agency Certification	UL/cUL, FCC, TUV, CE, NOM COC, AR, GOST-R, C-Tick, VCCI, CB	
Other Features	Serviceable internal components; touchscreen sealed to bezel (IntelliTouch Plus); touchscreen sealed to sub-bezel (AccuTouch, iTouch); touchscreen sealed to LCD (all); IPX1 drip-proof rating	

Display Specifications

Display	18.5" diagonal, active matrix TFT 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; IntelliTouch Plus: 225 nits; iTouch: 225 nits	
Response Time (typical)	Total: 5 msec	
Viewing Angle (typical)	Horizontal: ±85° or 170° total; Vertical: ±80° or 160° total	
Contrast Ratio (typical)	1000:1	
On-Screen Display (OSD)	Controls (bottom): menu, up, down, select, power; Settings: brightness, contrast, phase, auto adjust, H-position, V-position, clock, sharpness, RGB, OSD H-position, OSD V-position, OSD time, OSD language, recall, power button; Languages: English, French, Italian, German, Spanish, Japanese, Traditional Chinese, Simplified Chinese; Lockouts: user controls	
Available Touch Technologies	AccuTouch (zero-bezel resistive); IntelliTouch Plus (multi-touch surface acoustic wave); iTouch (zero-bezel 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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