C-Series "Performance Ultra" 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:

■ "Performance Ultra" 19C3 and 22C3 are fan-cooled with Intel Core 2 Duo 3.0 GHz

■ For a quiet, lower power option, consider the "Fanless Cool and Quiet" 19C2 and 22C2 Intel Atom Dual-Core 1.66 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

TOUCH SOLUTIONS

C-Series "Performance Ultra" All-in-One LCD Desktop Touchcomputers

Computer Specifications

	19C3 19-inch model:	22C3 22-inch model:
Enclosure color	Dark grey (Medical/Japan versions are white)	
Processor	Intel 3.0GHz Core 2 Duo E8400, 6MB L2 Cache, 1333MHz System Bus	
Chipset	Intel G41 Express	
Video	Intel GMA X4500	
BIOS	AMI	
Memory (RAM)/800 MHz min	2GB DDR2 DIMM on 1 of 1 slot (replaceable with 4GB maximum on 1 slot)	
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.)	113W (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)	20.6lbs (9.3kg)	22.7lbs (10.3kg)
Weight (without stand)	16.6lbs (7.6kg)	18.7lbs (8.5kg)
Shipping Weight	30.9lbs (14.0kg)	33.0lbs (15.0kg)
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)	

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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