17A2 17" All-in-one Touchcomputer

Extended Versatility for POS Applications

Elo TouchSystems 17A2 17" All-in-one touchcomputer provides an attractive ultra-compact 17" touch solution that can fit virtually anywhere in any point-of-service environment.

Expanded versatility, bigger screen, and improved serviceability all in a compact design

The 17A2 touchcomputer with dual video display support includes a choice of Elo TouchSystems newest break-through touch technology, Acoustic Pulse Recognition, AccuTouch five-wire resistive, IntelliTouch surface wave or CarrollTouch Infrared. Its 1280 X 1024 SXGA resolution with a 5 x 4 aspect ratio displays clear, precise graphics for improved readability. A variety of optional field-replaceable peripherals can easily be integrated into the 17A2's compact design including: magnetic stripe reader, vacuum fluorescent, rear-facing LED customer display, biometric fingerprint recognition device, and speaker bar with/without a built-in single or omni-directional barcode scanner.

Designed for public access

The silent, fan-less, spill and tamper resistant design of the 17A2 and its compact integrated peripherals, make this touchcomputer an ideal choice for point-of-sale, kiosks and point-of-interest applications.

Features

- Space saving, integrated, all-in-one touchcomputer with the footprint of a standard 17" LCD display
- Silent, fanless Intel Celeron M design-ideal for POS, kiosks and POI applications
- Industry standard VESA mounting options—configurable as a desktop or wall-mount
- Choice of Microsoft Windows Embedded for POS (WEPOS), XP Professional or Microsoft Windows XP Embedded operating systems
- Full range of "field" replaceable and serviceable POS options such as an integrated MSR, vacuum fluorescent, rear-facing LED customer display, biometric finger-print recognition device, and speaker bar with/without a built in single or omni-directional barcode scanner
- Available with AccuTouch Five-Wire Resistive, CarrollTouch Infrared, IntelliTouch Surface Wave or Acoustic Pulse Recognition (APR) touch technology
- Integrated (optional) wireless LAN & DVD for expanded access and advanced media applications
- One Ethernet, two serial, and four high-speed USB 2.0 ports for maximum expansion
- Designed for public access with cables hidden from user's view; OSD and cable lockout function to minimize public tampering

Tyco Electronics

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17A2 17" All-in-one Touchcomputer Specifications

Case/Bezel color	Dark Gray
Processor	Intel Celeron M 1GHz CPU with 400 MHz FSB
Chipset	Intel 915GME/ICH6
Video	Up to 128MB shared[i]
Memory (RAM)	512MB DDR2 standard on 1 of 2 slots; Expandable to 1.5GB maximum[ii]
Supported Operating Systems	Microsoft Windows XP Professional Service Pack 2 Microsoft Windows Embedded for Point of Service (WEPOS) Microsoft Windows XP Embedded[iii]
Serial Ports	2 x RS232 serial (RJ, 8 position); COM2 is RS232, RS22, and RS485 selectable
USB Port	4 x 2.0 high-speed USB self powered: 1 (of 4 port) is 12V USB Port (1.5A) for POS Peripherals
VGA Port	1 x VGA D-SUB
Ethernet 100/10Base-T Port	1 x LAN RJ45
Cash Drawer Port	1 x 12V cash drawer (RJ, 6 position)
PS/2 Port	1 x PS/2 Universal (default to Keyboard compatibility)
Audio Port	1 x 3.5mm audio-out; 1 x 3.5mm mic-in
Hard Drive	1 x 2.5" 40 GB SATA hard drive[iv]
Compact Flash Slot	1 x Compact Flash type I (internal)
Display Size	17.0 in. diagonal; Type: Active matrix TFT LCD; Aspect Ratio: 5 x 4
Optional Touchscreens	AccuTouch Five-Wire Resistive; IntelliTouch Surface Wave; CarrollTouch Infrared; Acoustic Pulse Recognition (APR)
Optional Peripherals	Magnetic Stripe Reader, Serial Customer Display; (20x2 VFD), Biometric Fingerprint Reader, Speaker Bar; Line or Omni Barcode Scanner, DVD Burner, drive (internal);Wireless Card
Useful screen area	337.92 mm (13.31 in.); 270.33 mm (10.65 in.)
Maximum Touchcomputer Dimensions with Stand[v]	Width: 391 mm (15.40 in.) Height: 380.6mm (15.00 in.) Depth: 239 mm (9.42 in.)
Tilt Adjust	From -5° to 75°
Optimal resolution	1280 x 1024 at 60Hz (native); scalar support for 1024 x 768 or 800 x 600 at 60Hz
Colors	16.7 million colors

Brightness (typical)	No Touchscreen: 300 cd/m^2
	  with AccuTouch: 240 cd/m^2
	  with IntelliTouch: 276 cd/m^2
	  with CarrollTouch: 276 cd/m^2
	  with APR: 276 cd/m^2

Viewing Angle (from center)	Horizontal (left/right): ±80° or 160° total Vertical (up/down): ±80° or 160° total
Contrast Ratio	800:1 (typical)
Temperature	Operating: 0°C to 35°C; Storage: -20°C to 60°C
Humidity (non-condensing)	Operating: 20% to 80%; Storage: 5% to 95%
Weight With All Options (approx.)	Actual: +20 lb. (+9.09 kg); Shipping: +25 lb. (11.36 kg)
Agency Approvals	UL/cUL (Recognized component), FCC, CE, VCCI, C-tick, EN60950
Warranty	3 year limited (see www.elotouch for additional information)
Backlight Lamp Time to 1/2 Brightness	Minimum 50,000 hours
MTBF (mean time between failures)	50,000 hours demonstrated
Other Features	100mm VESA mounting; removable base; threaded holes on bottom of base for secure mounting; 2 watt/channel speakers located in display head; touchscreen sealed to bezel; touchscreen sealed to LCD
Power Supply	AC-DC, 12V 120W

i   Memory supports both system and video. Accessible system memory may be up to 128 MB less than the amount stated, depending on the video mode.
ii   Maximum memory using 2 slots.
iii Available for special orders only. Contact Elo Sales Representative or your Value-Added Reseller for details.
iv   GB equals one billion bytes when referring to storage capacity. Accessible capacity may be less. May not be applicable for XP Embedded Systems.
v   Dimensions vary with stand position and options selected.

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

North America
Elo TouchSystems
301 Constitution Drive
Menlo Park, CA 94025-1110

800-ELO-TOUCH
Tel 1-650-361-4800
Fax 1-650-361-4722
eloinfo@elotouch.com

Europe
Tel +32 (0)16 35 21 00
Fax +32 (0)16 35 21 01
elosales@elotouch.com

Asia-Pacific
Tel +81 (45) 478-2161
Fax +81 (45) 478-2180
www.tps.co.jp

Latin America
Tel 786-923-0251
Fax 305-931-0124
www.elotouch.com.ar

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