15A1 15" All-in-One Touchcomputer

Compact, Reliable and Stable for POS Applications

Elo TouchSystems 15A1 15" All-in-one touchcomputer expands the company's high profile family of reliable, easy-to-integrate multifunction touch solutions that can meet the requirements of any systems integrator, OEM or value-added reseller. Retail-rugged, the 15A1 features a spill-resistant sealing, a stable tilt base that is removable or reversible for wall mounting, a VESA mounting option, cables hidden from user view, and side controls with lockout for public use.

Touch options include a choice of Elo TouchSystems newest, breakthrough touch technology, Acoustic Pulse Recognition, AccuTouch five-wire resistive, IntelliTouch surface acoustic wave or CarrollTouch Infrared. Additional options include a three-track magnetic stripe reader (MSR) and rear-facing customer display. Operating system options support Microsoft Windows XP Professional Service Pack 2 and Microsoft Windows Embedded for Point of Service (WEPOS).

The silent, fanless design of the 15A1 and its compact integrated peripherals, make this all-in-one touchcomputer a preferred choice for point-of-sale, kiosk and point-of-interest applications.

Features

- Space saving, integrated, All-in-one touchcomputer in a standard 15" LCD display
- Silent, fanless Intel Celeron M design-ideal for POS, kiosk and POI applications
- Industry standard VESA mounting options— configurable as a desktop or wall-mount
- Choice of Microsoft Windows Embedded for POS (WEPOS) or Microsoft Windows XP Professional
- Available with AccuTouch five-wire resistive, CarrollTouch Infrared, IntelliTouch surface acoustic wave or Acoustic Pulse Recognition (APR) touch technologies
- One Ethernet, two serial, and four high-speed USB 2.0 ports for maximum expansion
- "Designed for touch" for public access with cables hidden from user's view and controls with lockout function to minimize public tampering

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15A1 15" All-in-One Touchcomputer Specifications

Case/Bezel Color	Dark gray
Processor	Intel Celeron M 1GHz CPU
Chipset	Intel 915GME/ICH6
Video	Intel GMA 900 up to 128MBi shared[i]
Memory (RAM)	512 MB Standard (replaceable up to 2GB—AccuTouch and IntelliTouch only)
Optional Supported Operating Systems	Microsoft Windows XP Professional Service Pack 2 Microsoft Windows Embedded for Point of Service (WEPOS)
Serial Ports	2 x RS232 serial (RJ45, 8 position); COM2 is RS232, RS422 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 cash drawer (RJ11, 6 position)
PS/2 Port	1 x PS/2 Universal (default to keyboard compatibility)
Audio Port	1 x 3.5 mm audio-out; 1 x 3.5 mm mic-in
Hard Disk Drive	1 x 2.5" 80 GB[ii] SATA hard drive
Display	Size: 15.0 in. diagonal; Type: Active matrix TFT LCD; Aspect Ratio: 4 x 3
Optional Touchscreens	AccuTouch Five-Wire Resistive Technology, IntelliTouch Surface Wave, CarrollTouch Infrared, or Acoustic Pulse Recognition (APR)
Optional Peripherals	Magnetic Stripe Reader (3 Track); Serial Customer Display (20x2 VFD)
Useful Screen Area	Horizontal: 304 mm (11.98 in.); Vertical: 228 mm (8.98 in.)
Maximum Touchcomputer Dimensions with Stand[iii]	Width: 355 mm (13.97 in.) Height: 286 mm (11.27 in.) Depth: 278 mm (10.95 in.)
Optimal Resolution	1024 x 768 at 60Hz (native); scalar support for 800 x 600 at 60Hz
Colors	16.2 million

Brightness (typical)	LCD panel: 250 cd/m^2
	  with AccuTouch: 200 cd/m^2
	  with Acoustic Pulse Recognition: 225 cd/m^2
	  with CarrollTouch: 225 cd/m^2
	  with IntelliTouch: 225 cd/m^2

Viewing Angle (typical, from center)	Horizontal (left/right): ±70° or 140° total; Vertical (up/down): ±60°/55° or 115° total
Contrast Ratio	500:1 (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	Actual: 7.8 kg (17.2 lbs); Shipping: 10.2 kg (22.5 lbs)
Agency approvals	UL/cUL (Recognized component), FCC, CE, VCCI, C-tick, EN60950
Warranty	3 years
Backlight Lamp Time to 1/2 Brightness (typical)	40,000 hours
MTBF (mean time between failures)	50,000 hours demonstrated
Other Features	75mm VESA mounting; accessible HDD; 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	Type: External brick; Input (line) voltage: 100-240 VAC, 50-60 Hz; Output voltage/current: 12 V at 10.0 amps max.

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 GB equals one billion bytes when referring to storage capacity. Accessible capacity may be less.

iii Dimensions vary with stand position and options selected.

Other restrictions and regional differences may apply. For a copy of the terms and conditions of the Elo TouchSystem's Limited Warranty, please contact your Elo representative or reseller.

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

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