15A2 15″ LCD All-in-One Touchcomputer

Provides Versatility for POS Applications

The Elo 15A2 15″ LCD all-in-one touchcomputer is an attractive solution for POS applications. Its optional peripherals can easily be integrated into the 15A2's compact design. A choice of optional peripherals can be installed including: a 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. Its 1024 x 768 resolution with a 5:4 ratio displays clear, precise graphics and a contrast ratio of 500:1 together with a typical LCD panel brightness of 300 nits provides bright, high contrast for improved readability.

Features

■ Space-saving, integrated, all-in-one touchcomputer with the footprint of a standard 15″ LCD display

■ Silent, fanless Intel® Celeron® M design is well suited for point-of-sale, kiosks and POI applications

■ Industry standard VESA mounting options, configurable as both a desktop or wall-mount

■ Choice of Microsoft Windows Embedded for POS (WEPOS), XP Professional or Vista

■ Available as an embedded system or with an integrated hard drive

■ Full range of "field" replaceable and serviceable point-of-service options such as an integrated MSR, rear-facing customer display or barcode scanner

■ Available with Acoustic Pulse Recognition (APR), AccuTouch five-wire resistive, IntelliTouch surface acoustic wave or CarrollTouch infrared touch technologies

■ "Designed for touch" for public access with cables hidden from user's view; controls on the side rather than the front, plus lockout function to minimize public tampering

■ Integrated (optional) wireless LAN for expanded access and advanced media applications

■ Two serial, four USB 2.0 and Ethernet ports for maximum expansion

■ Worldwide agency approvals

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15A2 15″ All-in-One Touchcomputer Specifications

Touchcomputer

Processor	Intel Celeron M 1GHz CPU
Memory (RAM)	1GB DDR2 standard on 1 of 2 slots (expandable to 2GB max)
Chipset	Intel 915GME/ICH6
Video	Intel GMA 900 up to 128MB shared w/ DVMT
BIOS	ACPI 2.0, APM 1.2, SMBIOS 2.4, PXE, WOL. WFM 2.0
Optional Operating System	Microsoft® Windows® XP Professional Service Pack 2 Microsoft® Windows Embedded for Point of Service (WEPOS) Microsoft® Vista
Serial Ports	2 x RS232 serial (RJ45, 8 position); COM2 is RS232, RS422 and RS485 selectable
USB Ports	4 x USB self powered 2.0; 1 port is 12V powered USB (1.5A) for POS peripherals
VGA port	1 x VGA D-SUB
Ethernet 100/10Base-T Port	1 x LAN RJ45
Cash Drawer/Modem Port	BIOS selectable; 1 x cash drawer (RJ11, 6 position) or 1 x RJ11 port for optional internal modem
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 Disk Drive	1 x 2.5" SATA hard drive
Compact Flash slot	1 x Compact Flash type I
MiniPCI slot	1 x MiniPCI type III A/B
Real Time Clock	Replaceable Lithium battery backed up real time clock
Languages	Win XP (33 language goups); WEPOS (5 language groups)

Touchmonitor

Case/Bezel color	Dark Gray
Display	Size: 15.0 in. diagonal; Type: active matrix TFT LCD; aspect ratio: 4:3
Touchscreens	AccuTouch five-wire resistive, APR Acoustic Pulse Recognition, CarrollTouch infrared, IntelliTouch surface acoustic wave
Useful screen area	Horizontal: 304.1 mm (11.98in.); vertical: 228.1 mm (8.99 in.)
Maximum dimensions* (with stand)	Width: 357.7 mm (14.09 in); height: 338.5 mm (13.37 in.); depth: 237.6 mm (9.36 in.)
Optimal (native) resolution	1024 x 768
Colors	16.7 million
Brightness (Typical)	No touchscreen: 250 cd/m²; AccuTouch: 200 cd/m²; APR: 230 cd/m²; CarrollTouch: 230 cd/m²; IntelliTouch: 230 cd/m²
Response Time	Trise: 2 msec; Tfall: 6 msec
Viewing Angle (typical from center)	Horizontal (left/right): 60° looking left at a CR=10; 65° looking right at a CR=10; Vertical (up/down): 70° looking up at a CR=10; 70° looking down at a CR=10
Contrast Ratio (typical)	500:1
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 8.8 kg (19.4 lbs); shipping 11.6 kg (25.5 lbs)
Agency approvals	UL/cUL(*Recognized component), FCC, CE, VCCI, Ctick, EN60950
Backlight Lamp Time to 1/2 Brightness (typical)	40,000 hours
MTBF (mean time between failures)	50,000 hours demonstrated
Warranty	3 years
Other Features	75mm VESA mounting; accessible HDD, compact flash, MiniPCI card; removable base; threaded holes on base bottom for tabletop mounting; 2 watt/channel speakers located in display head; touchscreen sealed to bezel; touchscreen sealed to LCD
Optional Peripherals	Magnetic stripe reader, serial customer display (20x2 VFD), biometric fingerprint reader, speaker bar, barcode scanner, wireless card, (modem daughter card, TV-tuner available)
Lockable OSD Controls	Volume, brightness, sharpness, contrast, color temperature, OSD position and orientation, OSD language (English, French, Italian, German, Spanish), factory reset, power button

*Dimensions vary with stand position and options selected

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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