# 15D1 15" All-in-One Touchcomputer

Versatile All-in-One Touchcomputer Brings Style, Flexibility and Functionality to POS, Retail and Hospitality Environments

**Elo TouchSystems 15D1 15" All-in-One Touchcomputer expands the high profile Elo family** of reliable, easy-to-integrate multi-function touch solutions. The 15D1 brings style, flexibility and functionality to point-of-sale (POS), retail and hospitality businesses. With a wide array of field-installable peripherals, spill-resistant sealing, and a wide range of input/output port connection options, the 15D1 is versatile and powerful. It is designed with the future in mind, allowing easy serviceability of the main components and excellent performance utilizing the Intel Celeron 1.8 GHz processor.

The 15D1 features a sealed touchscreen resisting intrusion of dust and dirt, two-watt/channel speakers in the base and an accessible hard drive. It also supports Microsoft Windows XP, WEPOS, and Vista and is available with a variety of industry-leading Elo touch technologies including the innovative, aesthetic look of the zero-bezel Acoustic Pulse Recognition (APR), IntelliTouch surface acoustic wave and AccuTouch 5-wire resistive. POS peripherals that are easily installed in the field include: magnetic strip reader (MSR) for reading credit cards, ID cards, loyalty cards, etc., a rear-facing display for viewing customer transactions, a biometric fingerprint reader for added security, and a single 1-D or omni-directional 2-D barcode scanner.

## Features

- Field-installable peripherals
- Field-replaceable motherboard, hard drive, and power supply
- Excellent cable management; cables hidden from view
- 3 serial (2 powered serial), 7 USB 2.0, Ethernet 100/10 Base-T, Cash drawer, 2 PS/2, Audio (1 line-in, 1 line-out, 1 mic-in)
- 3-year warranty

## Benefits

- Minimizes downtime with peripherals that are easily installed in the field rather than factory
- Easy serviceability minimizes downtime
- Eliminate accidental disconnection and give a clean, professional look
- Accessible POS-focused input/output ports make installation of peripherals easy
- Customer satisfaction and peace of mind

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# 15D1 15" All-in-One Touchcomputer

## Computer Specifications

| | |
|---|---|
| Case/bezel color | Dark gray |
| Display | Size: 15.0" diagonal; Type: Active matrix TFT LCD; Aspect ratio: 4 x 3 |
| Computer dimensions (max.) | Width: 13.58" (345 mm); Height: 11.34" (288 mm); Depth: 8.35" (212 mm) Dimensions vary with tilt angle and options selected |
| Processor | Intel Celeron-430 1.8GHz 512K L2 Cache 800MHz FSB LGA775 Pkg |
| Memory (RAM) | 512MB 667MHz DDR2 standard on one slot; Expandable up to 4GB max [DDR2-667 (PC2-5400) or DDR2-800(PC2-6400)]; Dual Channel |
| Optional operating systems | Microsoft Windows XP Professional Service Pack 3; Microsoft Windows Embedded for Point of Sale (WEPOS); Microsoft Windows Vista Business |
| Languages | English, French, Italian, German, Spanish, Japanese, Simplified Chinese, Traditional Chinese |
| Serial ports | 3 x serial ports; 2 x powered serial ports (5V default/12V; selectable via jumper) |
| USB ports | 7 x USB2.0 ports |
| Parallel port | 1 x Parallel port |
| Ethernet 100/10Base-T port | 1 x LAN RJ45 |
| Cash drawer port | 1 x cash drawer (12V/24V default; selectable via jumper); Compatible with the following APG models: MultiPRO 320 with CD-005A cable; MultiPRO 420 with CD-039A cable |
| PS/2 port | 2 x PS/2 (Keyboard and Mouse) |
| Audio port | 1 x 3.5mm line-in; 1 x 3.5mm line-out; 1 x 3.5mm mic-in |
| Hard disk drive | 1 x 2.5" SATA hard drive, 80GB minimum; Optional 2nd 80GB hard drive available |
| Compact flash slot | 1 x compact flash type I |
| Wireless | Wireless kit available (802.11g 54Mbps) |
| Power input | Internal power supply; 100 to 240 VAC 47 to 63 Hz; Maximum input power: 336 W |
| Power rating | Touchcomputer (without peripherals, receipt printer or power serial ports connected): 182 W max.; Receipt printer: 46 W max.; Powered serial ports: 24 W max.; Total power drawn with all possible peripherals: 252 W max. |
| Options | Magnetic stripe reader; Customer display (20x2 VFD); Biometric fingerprint reader; Single line barcode scanner; Omni-directional barcode scanner; Second 80GB hard drive; Wireless card; Printer power cable |
| Temperature | Operating: 0°C to 35°C; Storage: -20°C to 60°C |
| Humidity | Operating: 20%-80%; Storage: 5%-95%; noncondensing |
| Weight (approx.) | With all options. Actual: 22.1 lb (10.03 kg); Shipping: 26.8 lb (12.16 kg) |
| Warranty | 3 years |
| Backlight lamp life | Minimum 50,000 hours to half brightness |
| MTBF | 50,000 hours demonstrated |
| Agency approvals | UL/cUL, CE, BSMI, NOM, AR, CCC, EK, KCC, GOST-R, RCM, C-Tick, VCCI |
| User's controls | Brightness, contrast, phase, auto adjust, H-position, V-position, clock, sharpness, RGB, OSD H-position, OSD V-position, OSD time, OSD language (English, French, Italian, German, Spanish, Japanese, Simplified and Traditional Chinese), recall, power button (All control buttons lockable) |

## Display Specifications

| | |
|---|---|
| Useful screen area | Horizontal: 11.98" (304.128 mm); Vertical: 8.98" (228.096 mm) |
| Optimal (native) resolution | 1024 x 768 |
| Colors | 16.2 million colors |
| Brightness | LCD panel: 250 cd/m$^2$ typical; with AccuTouch: 200 cd/m$^2$ typical; with Acoustic Pulse Recognition: 225 cd/m$^2$ typical; with IntelliTouch: 225 cd/m$^2$ typical |
| Response time | 8.0 msec (typical) |
| Viewing angle (from center) | Horizontal (left/right): ±70° or 140° total (typical); Vertical (up/down): 60°/65° or 125° total (typical) |
| Contrast ratio | 700:1 (typical) |

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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