



## B-Series Model B2 Rev. B Fan-less All-in-One Touchcomputers

**The Elo Touch Solutions B-Series Fan-less B2 model** provides a compact, configurable, ruggedized touchcomputer in two screen sizes: 15-inch and 17-inch. These models are available with a choice of industry-leading Elo touch technologies: AccuTouch (“no-bezel” resistive) or iTouch Plus (zero-bezel multi-touch surface acoustic wave). The B-Series B2 models are fan-less—well-suited for environments where noise may be an issue—and can meet the diverse 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 and mobile kiosks.

The B-Series touchcomputers have a compact, stylish design, with a choice of configuration and customer-installable peripheral options as well as ease of serviceability. These models feature a fan-less Intel Atom™ Dual-Core 1.86GHz N2800 processor, and support multiple customer-installable memory and storage configurations. For applications requiring even higher performance, look at the powerful, fan-cooled B3 models with the 3rd Generation Intel Core-i3, 3.3GHz i3-3220 processor with HD2500 graphics.

### Features

- Small footprint, retail-hardened, flexible touchcomputer
- Fan-less model ideal for quiet environments
- Full range of standard connectivity ports for retail POS/POI and hospitality applications
- Customer-installable peripheral, memory and storage options
- Choice of industry-leading Elo touch technologies: AccuTouch (“no-bezel” resistive) and iTouch Plus (zero-bezel multi-touch surface acoustic wave)
- “Designed for touch” from the ground-up; stable stand and tiltable display
- 3 year standard warranty plus Elo quality and reliability

### Benefits

- Outstanding configurability and customization options to meet all your connectivity needs
- Zero-bezel models provide a seamless, edge-to-edge design for a sleek appearance that is easy to clean and maintain
- Stability to withstand the rigors of use in a public environment



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## Computer Specifications

### 15B2 15-inch model:

### 17B2 17-inch model:

|   |   |   |
|---|---|---|
| Enclosure Color   | Dark grey   |   |
| Processor   | Intel 1.86GHz Atom Dual-Core N2800; 1MB L2 Cache; 2.5 GT/s Direct Media Interface (DMI)   |   |
| Memory (RAM)  | 2GB 1333MHz DDR3 SO-DIMM on 1 of 2 slots. Expandable to 4GB   |   |
| Chipset   | Intel NM10 Express  |   |
| Video   | Intel GMA 3600  |   |
| Serial Ports  | 2 x Native RS-232   |   |
| USB Ports   | 6 x USB 2.0 (4 on I/O, 1 x USB side access, 1 x USB hidden/protected). (Additional internal ports available for optional Elo peripherals.)          |   |
| Ethernet Port   | 1 x LAN RJ45 (Gigabit)  |   |
| Cash Drawer Port  | Built-in 12V/24V Cash Drawer Port (24V default; selectable via jumper)  |   |
| Additional Video Out  | 1 x 2nd VGA out port  |   |
| Audio Ports   | 1 x 3.5mm line-in; 1 x 3.5mm line-out; 1 x 3.5mm mic-in   |   |
| Speakers  | Two 2W internal speakers  |   |
| Hard Disk Drive   | 320GB 2.5" 5400rpm Advanced Format (4K) SATA HDD  |   |
| Real-Time Clock   | Replaceable lithium-ion battery for clock   |   |
| Operating System Options  | No Operating System; Microsoft Windows XP Professional Service Pack 3 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only)  |   |
| Touchcomputer Dimensions (max. with stand, dimensions vary with tilt and options) | 14.0" x 10.5" x 14.3" (354.4mm x 267mm x 363.5mm)   | 15.2" x 10.5" x 14.2" (386.4mm x 267mm x 361.0mm)                                       |
| Weight  | With stand: 17.9lbs (8.1kg); without stand: 13.0lbs (5.9kg); shipping: 24.5lbs (11.1kg)   | With stand: 19.8lbs (9.0kg); without stand: 15.0lbs (6.8kg); shipping: 26.4lbs (12.0kg) |
| Shipping Box Dimensions   | 17.4" x 10.2" x 21.9" (443mm x 258mm x 555mm)   |   |
| Power Consumption (max.)  | 47W (without peripherals)   | 48W (without peripherals)   |
| Temperature   | Operating: 32°F to 95°F (0°C to 35°C); Storage -4°F to 140°F (-20°C to 60°C)  |   |
| Humidity (non-condensing)   | Operating: 20% to 80%; Storage: 5% to 95%   |   |
| Warranty  | 3 years   |   |
| MTBF  | 50,000 hours demonstrated   |   |
| Cables and Accessories  | North American and European power cables included   |   |
| Power Supply  | External 12VDC universal-type power supply brick; AC input voltage: 100-240VAC; Input frequency: 50-60Hz; max. output power: 150W (max. draw: 170W) |   |
| Agency Certification  | UL/cUL, FCC, TUV, CE, CB, Mexico COC, Argentina S-mark (power brick only), C-Tick, VCCI, CCC  |   |
| Other Features  | Serviceable internal components; removable base with 100mm VESA mounting; threaded holes on bottom of base for mounting; Kensington security lock   |   |

## Display Specifications

|                               |  |   |
|-------------------------------|--|---|
| Display                       | 15.0" diagonal, Active matrix TFT LCD (CCFL), 4 x 3  | 17.0" diagonal, Active matrix TFT LCD (LED), 5 x 4              |
| Useful Screen Area (W x H)    | 12.0" x 9.0" (304.0mm x 228.0mm)   | 13.3" x 10.6" (338.0mm x 270.0mm)                               |
| Native (optimal) Resolution   | 1024 x 768   | 1280 x 1024   |
| Colors                        | 16.7 million   |   |
| Brightness (typical)          | LCD panel: 250 nits; AccuTouch: 200 nits; iTouch Plus: 225 nits                              |   |
| Response Time—total (typical) | 8 ms   | 5 ms  |
| Viewing Angle (typical)       | Horizontal: ±70° or 140° total;<br>Vertical: 60°/65° or 125° total                           | Horizontal: ±80° or 160° total;<br>Vertical: ±80° or 160° total |
| Contrast Ratio (typical)      | 700:1  | 1000:1  |
| Controls (bottom)             | Power, brightness up, brightness down, volume up, volume down                                |   |
| Security Lockouts             | Power and control buttons lock   |   |
| Available Touch Technologies  | AccuTouch ("no-bezel" resistive); iTouch Plus (zero-bezel multi-touch surface acoustic wave) |   |

To find out more about our extensive range of Elo touch solutions, go to [www.elotouch.com](http://www.elotouch.com), or call the office nearest you.

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