B-Series Fanless “Cool and Quiet” All-in-One LCD Desktop Touchcomputers

The Elo TouchSystems B-Series “Cool and Quiet” 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 three industry-leading Elo touch technologies: IntelliTouch surface acoustic wave, AccuTouch Zero-Bezel resistive and Zero-Bezel APR (Acoustic Pulse Recognition). The “Cool and Quiet” models are fanless—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, digital signage as well as bedside entertainment, home automation and control.

The B-Series “Cool and Quiet” touchcomputers have a compact, stylish design, with a choice of configuration and connectivity options as well as ease of serviceability. These models feature a fanless Intel Atom™ Dual-Core 1.66GHz processor, and support multiple customer-installable memory and storage configurations.

Also available with the B2 are two fan-cooled B-Series models: the “Performance” B1 touchcomputers with the Intel Celeron Dual-Core 2.2GHz processor; and the powerful “Performance Ultra” B3 touchcomputer with the Intel Core 2 Duo 3.0GHz processors.

Features
- Small footprint, retail-hardened, flexible touchcomputer
- No-fan model ideal for quiet environments
- Full range of standard connectivity ports plus expansion ports to add functionality
- Customer-installable peripheral, memory and storage options
- Supports industry standard low profile PCI-E (PCI Express) expansion cards
- HDMI output for true high-definition video and audio
- Choice of three industry-leading Elo touch technologies: AccuTouch Zero-Bezel, Zero-Bezel APR (Acoustic Pulse Recognition) and IntelliTouch
- “Designed for touch” from the ground-up; stable stand and tiltable display
- 3 year 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

| Model | Enclosure color | Processor | Memory (RAM) | Chipset | Video | Operating system options | Serial Ports | USB Ports | Ethernet Gigabit | Audio Ports | Speakers | Hard Disk Drive | Real-Time Clock | On-Screen Display (OSD) | Computer Dimensions (max. with stand, dimensions vary with tilt and options) | Weight | Shipping Box Dimensions | Power Consumption (max.) | Temperature | Humidity (non-condensing) | Warranty | Backlight Lamp Life | MTBF | Cables and Accessories | Power Supply | Agency Certification | Other Features |
|-------|----------------|-----------|--------------|---------|-------|---------------------------|--------------|-----------|-------------------|-------------|----------|-----------------|-----------------|--------------------------|---------------------------------|--------|---------------------|-------------------|-------------|--------------------------|--------|---------------------|-------------|----------------------|----------------|
| 15B2 | Dark grey | Intel Atom Dual Core D510 1.66GHz | 1GB DDR2 DIMM | Intel NM10 Express | Intel GMA 3150 | No Operating System; Microsoft Windows 7 Professional (32-bit only); Microsoft Windows POSReady 2009; Microsoft Windows XP Professional Service Pack 3 (32-bit only) | 2 x RS232 | 4 x USB on I/O, 1 x USB Side Access, 1 x USB for Wireless. Additional internal ports available for optional Elo peripherals | 1 x LAN RJ45 (Gigabit) | 1 x 3.5mm line-in; 1 x 3.5mm line-out; 1 x 3.5mm mic-in | Two 2W internal speakers | 160GB 2.5" SATA HDD | Replaceable lithium-ion battery for clock | Settings: brightness, contrast, phase, auto adjust, H-position, V-position, clock, sharpness, RGB, OSD H-position, OSD V-position, OSD time, OSD language, recall, power button; Languages: English, French, Italian, German, Spanish, Japanese, Traditional Chinese, Simplified Chinese; Lockouts: user controls | 14.0" x 10.5" x 14.3” (354.4mm x 267mm x 363.5mm) | 19.0lb (8.6kg); shipping: 27.6lb (12.5kg) | 17.4" x 10.2" x 21.9" (443mm x 258mm x 555mm) | 36W (without peripherals) | Operating: 32°F to 95°F (0°C to 35°C); Storage -4°F to 140°F (-20°C to 60°C) | Operating: 20% to 80%; Storage: 5% to 95% | 3 years | Minimum 50,000 hours to half brightness | 50,000 hours demonstrated | North American and European power cables included | External 12VDC universal-type power supply brick; AC input voltage: 100-240VAC; Input frequency: 50-60Hz; Max output power: 240W | UL/cUL, CE, BSMI, NOM, AR, CCC, KCC, GOST-R, RCM, C-Tick, VCCI | Serviceable internal components; touchscreen sealed to bezel and LCD for APR and AccuTouch models |
| 17B2 | Dark grey | Intel Atom Dual Core D510 1.66GHz | 1GB DDR2 DIMM | Intel NM10 Express | Intel GMA 3150 | No Operating System; Microsoft Windows 7 Professional (32-bit only); Microsoft Windows POSReady 2009; Microsoft Windows XP Professional Service Pack 3 (32-bit only) | 2 x RS232 | 4 x USB on I/O, 1 x USB Side Access, 1 x USB for Wireless. Additional internal ports available for optional Elo peripherals | 1 x LAN RJ45 (Gigabit) | 1 x 3.5mm line-in; 1 x 3.5mm line-out; 1 x 3.5mm mic-in | Two 2W internal speakers | 160GB 2.5" SATA HDD | Replaceable lithium-ion battery for clock | Settings: brightness, contrast, phase, auto adjust, H-position, V-position, clock, sharpness, RGB, OSD H-position, OSD V-position, OSD time, OSD language, recall, power button; Languages: English, French, Italian, German, Spanish, Japanese, Traditional Chinese, Simplified Chinese; Lockouts: user controls | 15.2" x 10.5" x 14.2” (386.4mm x 267mm x 361.0mm) | 20.5lb (9.3kg); shipping: 29.1lb (13.2kg) | 15.7lb (7.1kg); shipping: 29.1lb (13.2kg) | 17.4" x 10.2" x 21.9" (443mm x 258mm x 555mm) | 36W (without peripherals) | Operating: 32°F to 95°F (0°C to 35°C); Storage -4°F to 140°F (-20°C to 60°C) | Operating: 20% to 80%; Storage: 5% to 95% | 3 years | Minimum 50,000 hours to half brightness | 50,000 hours demonstrated | North American and European power cables included | External 12VDC universal-type power supply brick; AC input voltage: 100-240VAC; Input frequency: 50-60Hz; Max output power: 240W | UL/cUL, CE, BSMI, NOM, AR, CCC, KCC, GOST-R, RCM, C-Tick, VCCI | Serviceable internal components; touchscreen sealed to bezel and LCD for APR and AccuTouch models |

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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