



B-Series “Performance Ultra” All-in-One LCD Desktop Touchcomputers

The Elo TouchSystems B-Series “Performance Ultra”

B3 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 “Performance” models have been developed to 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 “Performance Ultra” touchcomputers have a compact, stylish design, with a choice of configuration and connectivity options as well as ease of serviceability. These models feature a fan-cooled Intel Core 2 Duo 3.0GHz processor, and support multiple customer-installable memory and storage configurations.

Also available with the B3 are two additional B-Series models: the fanless “Cool and Quiet” B2 touchcomputers, available with the Intel Atom Dual-Core 1.66GHz processor; and the fan-cooled “Performance” B1 touchcomputers with the Intel Celeron Dual-Core 2.2GHz processor.

Features

- Small footprint, retail-hardened, flexible touchcomputer
- 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

15B3 15-inch model:

17B3 17-inch model:

Enclosure color	Dark grey	
Processor	Intel Core 2 Duo E8400 3.0GHz 6MB L2 Cache	
Memory (RAM)	2GB DDR2 DIMM on 1 of 1 slot. Expandable to 4GB	
Chipset	Intel G41 Express	
Video	Intel GMA X4500	
Operating system options	No Operating System; Microsoft Windows 7 Professional (32-bit only); Microsoft Windows POSReady 2009; Microsoft Windows XP Professional Service Pack 3 (32-bit only)	
Serial Ports	2 x RS232	
USB Ports	4 x USB on I/O, 1 x USB Side Access, 1 x USB for Wireless. Additional internal ports available for optional Elo peripherals	
Ethernet Gigabit	1 x LAN RJ45 (Gigabit)	
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	160GB 2.5" SATA HDD	
Real-Time Clock	Replaceable lithium-ion battery for clock	
On-Screen Display (OSD)	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	
Computer 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: 20.5lb (9.3 kg); without stand: 15.7lb (7.1kg); shipping: 29.1lb (13.2kg)	With stand: 23.1lb (10.5kg); without stand: 18.3lb (8.3kg); shipping: 31.7lb (14.4kg)
Shipping Box Dimensions	17.4" x 10.2" x 21.9" (443mm x 258mm x 555mm)	
Power Consumption (max.)	114W (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	
Backlight Lamp Life	Minimum 50,000 hours to half brightness	
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: 270W	
Agency Certification	UL/cUL, CE, BSMI, NOM, AR, CCC, EK, KCC, GOST-R, RCM, C-Tick, VCCI	
Other Features	Serviceable internal components; touchscreen sealed to bezel and LCD for APR and AccuTouch models; Kensington Security Lock	

Display Specifications

Display	15.0" diagonal, Active matrix TFT LCD, 4 x 3	17.0" diagonal, Active matrix TFT LCD, 5 x 4
Useful screen area (W x H)	11.97" (304.1mm) x 8.98" (228.1mm)	13.30" (337.9mm) x 10.64" (270.3mm)
Native (optimal) resolution	1024 x 768	1280 x 1024
Colors	16.7 million	
Brightness (typical)	Acoustic Pulse Recognition: 225 nits; AccuTouch: 200 nits; IntelliTouch: 225 nits	
Response time-total (typical)	8 msec	5 msec
Viewing angle (typical)	Horizontal: ±70° or 140° total; Vertical: 60°/65° or 125° total	Horizontal: ±80° or 160° total; Vertical: ±80° or 160° total
Contrast ratio (typical)	700:1	1000:1
Available Touch Technologies	IntelliTouch surface acoustic wave; AccuTouch Zero-Bezel resistive; Zero-Bezel APR (Acoustic Pulse Recognition)	

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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We Owe Our Success To You

Our success is due to the support of our customers... [The following text is heavily garbled and appears to be a placeholder or corrupted content.]

Why Choose BarcodesInc?

Dedicated Account A UbU Yf

Our Account Managers will not compromise when it comes to providing you top-notch service. Your Account Manager is the primary point of contact for your business and makes it a priority to get to know you, your company and all your needs.

Highly-Trained Technical Support

Our technical staff has the broadest knowledge and every significant certification in the industry. One of our friendly experts is always available to suggest products and solutions for any situation.

Incredible Value

Our purchasing power means big savings for you. Whatever your project, our team will work hard to deliver a solution that fits your budget.

Largest Inventory in the Industry and Same-Day Shipping

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BarcodesInc maintains strong strategic partnerships with the leading manufacturers in barcoding, mobile computing, printing and RFID.

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Every phone call and email is responded to promptly, completely and accurately by our customer service team.

Easy Returns

Damaged, defective or incorrectly ordered goods may be returned without hassle.

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