



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



B-Series "Performance Ultra" All-in-One LCD Desktop Touchcomputers

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	Microsoft Windows XP Professional SP3; also available without OS	
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.

North America

800-ELO-TOUCH
Elo TouchSystems
Tel 1-650-361-4800
301 Constitution Drive
Fax 1-650-361-4722
Menlo Park, CA 94025-1110
customerservice@elotouch.com

Europe

Tel +32 (0)16 35 21 00
Fax +32 (0)16 35 21 01
elosales@elotouch.com

Asia-Pacific

Tel +81 (45) 478-2161
Fax +81 (45) 478-2180
www.tps.co.jp

Latin America

Tel 786-923-0251
Fax 305-931-0124
www.elotouch.com.ar



Tyco Electronics reserves the right to change or update, without notice, any information contained herein; to change, without notice, the design, construction, materials, processing or specifications of any products; and to discontinue or limit production or distribution of any products.

AccuTouch, Elo (logo), Elo TouchSystems, IntelliTouch, TE (logo) and Tyco Electronics are trademarks of the Tyco Electronics group of companies and its licensors. Windows is a trademark of Microsoft Corporation.

Copyright 2010 Tyco Electronics Corporation 07/10

