elo TOUCH SOLUTIONS

- "Designed for Touch" from the ground up
- Fan-less - Ideal for quiet environments
- Intel dual processor
- 3 year standard warranty

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

The Elo Touch Solutions B-Series B2 Rev.B models provide 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
- 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)

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

About Elo

Elo founders pioneered the touch screen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touchscreen components, touchmonitors, and all-in-one touchcomputers for the demanding requirements of diverse markets, including gaming machines, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

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

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	
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	
Touch Technologies	AccuTouch ("no-bezel" resistive); iTouch Plus (zero-bezel multi-touch surface acoustic wave)	
Brightness (typical)	LCD panel: 250 nits; AccuTouch: 200 nits; iTouch Plus: 225 nits	
Response Time–total (typical)	8ms	5ms
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
Security Lockouts	Power and control buttons lock	
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	
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	7.4" 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	
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	

* Test results do not guarantee future performance under these test conditions.

Ordering Information

Technology	Operating System	Region	Part Number	
			15" Display	17" Display
AccuTouch	No OS	Worldwide	E597077	E272450
	Windows XP Pro SP3 (32-bit)	Worldwide	E594735	E136113
	Windows 7 Pro SP1 (32-bit)	Worldwide	E341238	E630472
iTouch Plus	No OS	Worldwide	E623500	E535998
	Windows XP Pro SP3 (32-bit)	Worldwide	E130107	E431446
	Windows 7 Pro SP1 (32-bit)	Worldwide	E006103	E309211

To find out more about our extensive range of Elo touch solutions, go to **www.elotouch.com**, or call the office nearest you.

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- "Designed for Touch" from the ground up
- Stable stand and tiltable display
- Intel dual processor
- 3 year standard warranty

B-Series B3 Rev.B All-in-One Touchcomputers

The Elo Touch Solutions B-Series B3 Rev.B models provide 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 B3 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 and mobile kiosks.

B-Series B3 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-cooled 3rd Generation Intel Core-i3, 3.3GHz i3-3220 processor with HD2500 graphics, and support multiple customer-installable memory and storage configurations.

Also available to complement the B3 is the fan-less B2 touchcomputer, available with the Intel Atom Dual-Core 1.86GHz N2800 processor.

Features

- Small footprint, retail-hardened, flexible touchcomputer
- 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 and iTouch Plus

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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ENERGY STAR

B-Series B3 Rev.B All-in-One Touchcomputers

Computer Specifications	15B3 15-inch model	17B3 17-inch model
Enclosure Color	Dark grey	
Processor	3rd Generation Intel Core-i3 3.3GHz i3-3220 (Ivy Bridge); 3MB Intel Smart Cache; 5 GT/s Direct Media Interface (DMI)	
Memory (RAM)	2GB 1333MHz DDR3 SO-DIMM on 1 of 2 slots. Expandable to 8GB	
Chipset	Intel H61 Express	
Video	Intel HD Graphics 2500	
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; Vertical: 60°/65° or 125° total	Horizontal: ±80° or 160° total; 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)	
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)	
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	
Operating System Options	No Operating System; Microsoft Windows XP Professional Service Pack 3 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (64-bit and 32-bit)	
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: 19.1lbs (8.7kg); without stand: 14.3lbs (6.5kg); shipping: 25.8lbs (11.7kg)	With stand: 20.9lbs (9.5kg); without stand: 16.1lbs (7.3kg); shipping: 27.5lbs (12.5kg)
Shipping Box Dimensions	17.4" x 10.2" x 21.9" (443mm x 258mm x 555mm)	
Power Consumption (max.)	70W (without peripherals)	71W (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	

Ordering Information

Technology	Operating System	Region	Part Number	
			15" Display	17" Display
AccuTouch	Dark Grey	None	Worldwide	E051651
	Dark Grey	Windows XP Pro SP3 (32-bit)	Worldwide	E041642
	Dark Grey	Windows 7 Pro SP1 (64-bit)	Worldwide	E719553
iTouch Plus	Dark Grey	None	Worldwide	E792415
	Dark Grey	Windows XP Pro SP3 (32-bit)	Worldwide	E010116
	Dark Grey	Windows 7 Pro SP1 (64-bit)	Worldwide	E406366

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