

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

The Elo TouchSystems B-Series "Performance" B1

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" 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 Celeron Dual-Core 2.2GHz processor, and support multiple customer-installable memory and storage configurations.

Also available with the B1 are two additional models: the fanless "Cool and Quiet" B2 touchcomputers, available with the Intel Atom Dual-Core 1.66GHz processor; and the powerful fan-cooled "Performance Ultra" B3 with the Intel Core 2 Duo 3.0GHz 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" All-in-One LCD Desktop Touchcomputers

Computer Specifications 1581 15-inch model: 1781 17-inch model:		rice 7 th in one Lob besittop					
Processor Intel Celeron Dual Core FISOD 2.2GHz 512KB 1.2 Cache Memory (RAM) 2GB DDR2 DIMM on 1 of 1 slot. Expandable to 4GB Chipset Intel G4I Express Video Intel GMA X4500 Operating system options No Operating System, Microsoft Windows XP Professional Service Pack 3 (32-bit only) Serial Ports 2 x R5232 USB Ports 4 x USB on I/O, 1 x USB side access, 1 x USB hidden/protected. Additional internal ports available for optional Ele peripherals Ethernet Gigabit 1 x LAN RJ45 (Gigabit) Audio Ports 1 x S.5mm line-in; 1 x 3.5mm line-out; 1 x 3.5mm mic-in Speakers 1 wo 2W internal speakers Bord 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, sharoness, 12GB, CSD +-position, OSD V-position, OSD time, OSD language, recall, power button, Languages: English, Erranch, Italian, German, Spanish, Japanese, Traditional Chinese, Simplified Chinese; Lockoust; user controls Computer Dimensions (max, with stand, dimensions vary with tilt and options) Vill stand; 255 it 0,3 kg); without stand: 15.7lb (7lkg); shipping: 317lb (14.4kg) IS.2° x 10.5° x 14.2° (386.4mm x 258mm) IS.2° x 10.5° x 14.2° (386.4mm x 258mm)	Computer Specifications	15B1 15-inch model:	17B1 17-inch model:				
Memory (RAM) 26B DDR2 DIMM on 1 of 1 slot. Expandable to 4GB	Enclosure color	Dark grey					
Chipset Intel GML X4500 Operating system options No Operating System; Microsoft Windows 7 Professional (32-bit only); Microsoft Windows Serial Ports 2 x RS32 USB Ports 4 x USB on I/O, 1 x USB side access, 1 x USB hidden/protected. Additional internal ports available for optional Elb peripherals Ethernet Gigabit 1 x LAN RJ45 (Gigabit) 1 x LAN RJ45 (Gigabit) 1 x LAN RJ45 (Gigabit) 1 x S5mm line-in; 1 x 35mm 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, Clock, sharpness, RGB, OSD H-position, OSD V-position,	Processor	Intel Celeron Dual Core E1500 2.2GHz 512KB I	L2 Cache				
Video Intel GMA X4500	Memory (RAM)	2GB DDR2 DIMM on 1 of 1 slot. Expandable to					
Operating system options	Chipset	Intel G41 Express					
Serial Ports 2 x RS323 USB Ports 4 x USB on I/O, 1 x USB side access, 1 x USB hidden/protected. 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 1 kw 2 W internal speakers Hard Disk Drive 160GB 2.5" SATA HDD Real-Time Clock Replaceable lithium-ion battery for clock On-Screen Display (OSD) On-Screen Display (OSD) 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 L40" x 10.5" x 14.3" (354.4mm x 267mm x 361.0mm) Weight With stand; 20.5lib (9.3 kg); without stand: 15.7lb (71kg); shipping; 29.1lb (13.2kg) Shipping Box Dimensions (7x" x 10.2" x 21.9" (443mm x 258mm x 555mm) Power Consumption (max) Power Consumption (max) Power Consumption (max) Alw (without peripherals) Power Supply Warranty 3 years Marranty 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: 240W Agency Certification UL/CUL, CE, BSMI, NOM, AR, CCC, EK, KCC, GOST-R, RCM, C-Tick, VCCI Other Features Display Specifications Display Specifications Display Specifications Display Specification Colors 16.7 million Response time-total (typical) Vewing angle (typical) Acoustic Pulse Recognition; 225 total Vervina and Eloropean power cables included Vervina and European power cables included Forest Specification Serviceable internal components; touchscreen sealed to bezel and LCD for APR and Accurate horizontal services and	Video	Intel GMA X4500					
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thermet Gigabit 1 x L AN 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 Real-Time Clock On-Screen Display (OSD) Reglaceable 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 Computer Dimensions Computer Dimensions May with stand, dimensions Weight With stand: 20.5lb (9.3 kg); without stand: 15.7lb (7/kg); shipping; 29.1lb (13.2kg) Shipping Box Dimensions T/4" x 10.2" x 21.9" (44.3mm x 258mm x 555mm) Power Consumption (max.) 15.7lb (7/kg); shipping; 29.1lb (13.2kg) With stand: 23.1lb (10.5kg); without stand: 15.7lb (7/kg); shipping; 29.1lb (13.2kg) Weight With stand: 20.5lb (9.3 kg); without stand: 18.3lb (8.3kg); shipping; 31.7lb (14.4kg) T/4" x 10.2" x 21.9" (44.3mm x 258mm x 555mm) Power Consumption (max.) Reperature Operating; 32°E to 95°E (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% 3 years Backlight Lamp Life Minimum 50,000 hours to half brightness MTBF Cables and Accessories North American and European power cables included North American and European power cables included North American and European power valopity brick, AC input voltage; 100-240VAC; Input frequency; 50-60Hz; Max output power; 240W Agency Certification UL/cUL, CE, BSMI, NOM, AR, CCC, EK, KCC, GOST-R, RCM, C-Tick, VCCI Other Features Display Display Display Specifications Display Display Display Brightness (typical) Acoustic Pulse Recognition: 225 nits; AccuTouch: 200 nits; IntelliTouch: 225 nits Power Contrast ratio (typical) Acoustic Pulse Recognition: 225 nits; AccuTouch: 200 nits; IntelliTouch: 225 ni	Serial Ports	2 x RS232					
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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: 240W 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 Display Specifications Display Specifications Display 15.0" diagonal, Active matrix TFT LCD, 4 x 3 17.0" diagonal, Active matrix TFT LCD, 5 x 4 11.97" (304.1mm) x 8.98" (228.1mm) 13.30" (337.9mm) x 10.64" (270.3mm) 1280 x 1024 1280 x 1024	Shipping Box Dimensions	17.4" x 10.2" x 21.9" (443mm x 258mm x 555mm)					
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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: 240W 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 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) 4 Horizontal: ±70° or 140° total; Vertical: 60°/65° or 125° total Vertical: ±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;	Backlight Lamp Life	Minimum 50,000 hours to half brightness					
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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 Display Specifications Display 15.0" diagonal, Active matrix TFT LCD, 4 x 3 17.0" diagonal, Active matrix TFT LCD, 5 x 4 11.97" (304.1mm) x 8.98" (228.1mm) 13.30" (337.9mm) x 10.64" (270.3mm) 1024 x 768 1280 x 1024 1280 x 1024 16.7 million Brightness (typical) Response time-total (typical) Acoustic Pulse Recognition: 225 nits; AccuTouch: 200 nits; IntelliTouch: 225 nits 5 msec 1000:1	Power Supply						
Other Features Serviceable internal components; touchscreen sealed to bezel and LCD for APR and AccuTouch models 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) Horizontal: ±70° or 140° total; Vertical: ±80° or 160° total; Vertical: 60°/65° or 125° total Contrast ratio (typical) 700:1 1000:1 Available Touch Technologies IntelliTouch surface acoustic wave; AccuTouch Zero-Bezel resistive;	Agency Certification						
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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 Vertical: ±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;			-				
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Viewing angle (typical) Horizontal: ±70° or 140° total; Vertical: 60°/65° or 125° total Contrast ratio (typical) Available Touch Technologies Horizontal: ±80° or 160° total; Vertical: ±80° or 160° total 1000:1 IntelliTouch surface acoustic wave; AccuTouch Zero-Bezel resistive;							
Vertical: 60°/65° or 125° total Contrast ratio (typical) Available Touch Technologies Vertical: ±80° or 160° total 1000:1 IntelliTouch surface acoustic wave; AccuTouch Zero-Bezel resistive;							
Available Touch Technologies IntelliTouch surface acoustic wave; AccuTouch Zero-Bezel resistive;	Viewing angle (typical)		Vertical: ±80°or 160° total				
	Contrast ratio (typical)	700:1	1000:1				
	Available Touch Technologies						

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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