elo TOUCH SOLUTIONS

- Configurable performance designed for years of reliable service
- Modern style that works as good as it looks
- Embrace new forms of payment
- Engage shoppers with customer-facing displays
- 3 year warranty

X-Series All-in-One Touchcomputers

The Elo X-Series 15-inch, 17-inch, and 20-inch All-in-One (AiO) touchcomputers bring style, flexibility and functionality to point-of-sale (POS), point-of-information (POI) and point-of-service applications within retail and hospitality environments. Configuration flexibility, serviceability and performance combine to deliver touchcomputing that adapts to your existing hardware, software and connectivity requirements.

The X-Series AiO touchcomputers are available with industry-leading touchscreen technologies from Elo including AccuTouch® micro-bezel 5-wire resistive, IntelliTouch® surface acoustic wave, IntelliTouch zero-bezel surface acoustic wave (SAW) and IntelliTouch Pro Projected Capacitive (PCAP).*

The fan-less models utilize the Intel® Celeron Quad-Core processor for environments where noise may be an issue. Higher performance, the fan-cooled models feature 4th Generation Intel Core i3, i5 and i7 processors with HD4600 graphics. A wide array of field-installable peripherals, spill-resistant sealing and a range of input/output port connection options make the X-Series a versatile and powerful AiO solution.

The X-Series configuration choices meet the diverse needs of a wide variety of POS, POI and point-of-service venues, including retail and hospitality display units, customer loyalty systems and in-store kiosks, just to name a few.

Features

- Small footprint, retail-hardened, flexible touchcomputer
- Full range of standard connectivity ports for retail POS/POI and hospitality applications
- Customer-installable peripheral options for MSR, NFC/RFID and customer-facing displays
- Choice of industry-leading Elo touch technologies including: AccuTouch® resistive, IntelliTouch® and IntelliTouch ZB surface acoustic wave, and IntelliTouch Pro PCAP

Benefits

- Outstanding configurability and customization options to meet all your connectivity needs
- Zero-bezel models provide a true flat, edge-to-edge design for a sleek appearance that is easy to clean and maintain
- Designed with serviceability in mind
- Durability to withstand the rigors of continuous use in a public environment

About Elo

40 years ago Elo invented the touchscreen. Today we are re-inventing how you use them to shop, pay, work and play. A global leader with 20+ million retail and hospitality installations in 80+ countries around the world, our products are designed in California and built to last. The Elo touch experience has consistently stood for quality, reliability and innovation. Elo intellectual property is protected by a number of patent, trademark and design registrations globally.

* X-Series 20-inch AiO touchcomputer comes in PCAP only.

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X-Series All-in-One Touchcomputers

Specifications	X-15 15-inch model	X-17 17-inch model	X-20 20-inch model
Enclosure Color	Black		
Processor Options	Intel Celeron 2.41 GHz Quad-Core J1900; 2MB L2 Cache; Fan-less Intel Core i3 3.1 GHz 4350T Dual Core; 4MB Intel Smart Cache Intel Core i5 2.0 GHz 4590T Quad Core; 6MB Intel Smart Cache Intel Core i7 2.7 GHz 4790T Quad Core; 8MB Intel Smart Cache		
Memory (RAM) Options	2GB, 4GB or 8GB 1600MHz DDR3L SO-DIMM on 1 or 2 slots for Celeron models 4GB, 8GB or 16GB 1600MHz DDR3L SO-DIMM on 1 or 2 slots for Core models		
Display	15.0" diagonal, Active matrix TFT LCD (LED), 4 x 3	17.0" diagonal, Active matrix TFT LCD (LED), 5 x 4	20" diagonal, active matrix TFT LCD (LED), 16 x 9
Useful Screen Area (W x H)	11.97" x 8.98" (304.12mm x 228.1mm)	13.30" x 10.64" (337.92mm x 270.36mm)	17.1" x 9.39" (434.88mm x 238.68mm)
Native (optimal) Resolution	1024 x 768	1280 x 1024	1920 x 1080
Colors	16.2 million	16.7 million	
Touch Technologies	AccuTouch single touch micro-bezel 5-wire resistive Intellitouch single touch surface acoustic wave IntelliTouch zero-bezel dual-touch surface acoustic wave IntelliTouch Pro zero-bezel 10-touch projective capacitive		IntelliTouch Pro zero-bezel 10-touch projective capacitive
Brightness (typical)	LCD panel: 250 nits; AccuTouch: 200 nits, IntelliTouch: 225 nits; IntelliTouch ZB: 225 nits; IntelliTouch Pro: 215 nits		IntelliTouch Pro: 215 nits; LCD Panel: 250 nits
Response Time–total (typical)	16ms		20ms
Viewing Angle (typical)	Horizontal: 80°/85° or 165° total; Vertical: 70°/80° or 150° total	Horizontal: ±85° or 170° total; Vertical: ±80°or 160° total	Horizontal: 178° total; Vertical: 178°
Contrast Ratio (typical)	700:1	1000:1	3000:1
Security Lockouts	Power and control buttons lock		
Video	Celeron: Intel HD Graphics; Core i3/i5/i7: Intel HD Graphics 4600		
Serial Ports	2 x Native RS-232, (1 RJ-45 native serial); 2 additional on expansion module		
USB Ports	9 x USB (4 on I/O, 2 on bottom, 3 micro USB on edges for peripherals)		
Powered USB	24V USB for models, 12V USB on expansion module		
Ethernet Port	1 x LAN RJ45 (Gigabit); 1 additional on expansion module		
Wireless	Wi-Fi (802.11 b/g/n), Bluetooth (4.0)		
Cash Drawer Port	Built-in 12V/24V (24V default; selectable via BIOS)		
Additional Video Out	1 x 2nd VGA out port		
Audio Ports	1 x 3.5mm line-out; 1 x 3.5mm mic-in		
Speakers	Two 2W internal speakers		
Storage Options	Hard Disk Drive Options: 320GB 2.5" 5400rpm SATA HDD; 500GB 2.5" 7200rpm SATA HDD; 1TB 2.5" 5400rpm SATA HDD Solid State Drive Options: 128GB 2.5" SATA SSD; 256GB 2.5" SATA SSD		
Operating System Options	No Operating System; Microsoft Windows POSReady7 (32-bit/64-bit); Windows 7 Professional (32-bit/64-bit); Windows Embedded 8.1 Industry Pro; Windows Embedded 8.1 Industry Retail		
Touchcomputer Dimensions (W x H x D) (max. with stand, dimensions vary with tilt and options)	14.4" x 13.7" x 2.6" (365.2mm x 348.8mm x 67.2mm)	15.6" x 15.4" x 2.9" (397.3mm x 391.1mm x 72.7mm)	19.37" x 14.05" x 9.91" (492.12mm x 356.9mm x 251.7mm)
Weight	With Stand: 16.5 lbs (7.5kg); Without Stand: 10.6lbs (4.8kg); Shipping: 21.2 lbs (9.6kg)	With Stand: 18.3 lbs (8.3kg); Without Stand: 12.3lbs (5.6kg); Shipping: 23.8 lbs (10.8kg)	With Stand: 16.32 lbs (7.41kg) Without Stand: 10.37 lbs (4.71kg) Shipping: 24.82 lbs (11.27kg)
Shipping Box Dimensions (W x H X D)	18.9" x 13.8" x 17.4" (482mm x 352mm x 442mm)	20.3" x 14.4" x 19.2" (517mm x 367mm x 487mm)	23.43"x12.20"x17.32" (595mm x 310mm x 440mm)
Power Consumption (max.)	Without peripherals: 35W for Celeron models; 59W for Core models With peripherals: 74W for Celeron models; 134W for Core models	Without peripherals: 38W for Celeron models; 64W for Core models With peripherals: 79W for Celeron models; 139W for Core models	
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%		
Optional Peripherals	Magnetic Stripe Reader (MSR) E001002; NFC/RFID E001004; VFD Customer Display E001003; Finger Print Reader E001001; Expansion I/O Module E001006; 7-inch Rear Facing Display E807955 (AccuTouch), E791658 (no touch); Rear Facing Display Pole Mount Kit E038989; Wall Mount E143088		
Warranty	3 years		
MTBF	50,000 hours demonstrated		
Power Supply	External 19VDC universal-type power supply brick; AC input voltage: 100-240VAC; Input frequency: 50-60Hz; max. Celeron models output power: 90W (max. draw: 100W); Core models output power: 150W (max. draw: 170W)		
Agency Certificates	UL/cUL, FCC, TUV, CE, CB, Mexico COC, Argentina S-mark (power brick only), C-Tick, VCCI, CCC		UL/cUL, FCC, TUV, CE, CB
What's in the Box	X-Series Touchcomputer, US Power Cord; Europe Power Cord; Power Adapter – 150W: X3/X5/X7 Or 90W: X2; Adapter Cable RJ-45 to DB-9; Quick Installation Guide (QIG)		

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