



- 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.



PRODUCT OVERVIEW

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 All-in-One Touchcomputers

Model	X2 Model (Fanless)	X3 Model (Fanned-Performance)	X5 Model (Fanned-Ultra)	X7 Model (Fanned-Extreme)
Processor	Intel® Celeron® Processor J1900 (2M Cache, up to 2.42 GHz)	Intel® Core™ i3-4350T Processor (4M Cache, 3.10 GHz) 4 MB Intel® Smart Cache 5 GT/s Direct Media Interface 2 (DMI2)	Intel® Core™ i5-4590T Processor (6M Cache, up to 3.00 GHz) by Intel® Turbo Boost Technology 2.0) 6MB Intel® Smart Cache 5 GT/s Direct Media	Intel® Core™ i7-4790T Processor (8M Cache, up to 3.90 GHz) by Intel® Turbo Boost Technology 2.0) 8MB Intel® Smart Cache 5 GT/s Direct Media Interface 2 (DMI2)
Chipset	N/A	Intel H81 Express	Intel Q87 Express	
Video	Intel HD Graphics	Intel HD Graphics 4600	Intel HD Graphics 4600	
BIOS	AMI	AMI	AMI	
Memory (RAM)	2GB 1600MHz DDR3L SO-DIMM on 1 of 2 slots - Expandable to 8GB maximum on 2 slots (Maximum memory using 2 slots. Expandable up to 8GB maximum, SO-DIMM DDR3L-1600 (PC3-12800).	4GB 1600MHz DDR3L SO-DIMM on 1 of 2 slots - Expandable to 16GB maximum on 2 slots (Maximum memory using 2 slots. Expandable up to 16GB maximum, SO-DIMM DDR3L-1600 (PC3-12800).		
Hard Disk Drive	320GB 2.5" 5400RPM 4K FORMAT SATA HDD ³ (GB equals one billion bytes when referring to storage capacity. Accessible capacity may be less)			
RAID	N/A	N/A	RAID 0 / RAID 1	
TPM	N/A	N/A	TPM 1.2	
USB Ports	2 x USB 3.0 on I/O, 4 x USB 2.0 (2 on I/O, 2 on USB Front Access) 3 x USB 2.0 on edges for optional Elo peripherals.	2 x USB 3.0 on I/O, 4 x USB 2.0 (2 on I/O, 2 on USB Front Access) 3 x USB 2.0 on edges for optional Elo peripherals.	4 x USB 3.0 on I/O, 2 x USB 2.0 (USB Front Access), 3 x USB 2.0 on edges for optional Elo peripherals.	
Powered USB	N/A	1 x 24V 1 x 12V (On Expansion Module)	1 x 24V 1 x 12V (On Expansion Module)	
Serial Ports	1 x Serial RS-232 (standard), 1 x RJ45 (Native serial); 2 additional on Expansion Module.			
Parallel Ports	N/A			
Ethernet Port	1 x LAN RJ45 (Gigabit), 1 additional on Expansion Module			
Wireless LAN	802.11 b/g/n			
Bluetooth	BT 4.0			
Cash Drawer Port	12V/24V Cash Drawer Port on Expansion Module (24V default; selectable by BIOS setting)			
Additional Video Out	2nd VGA output			
Audio Ports	1 x 3.5 mm Line out, 1 x 3.5 mm MIC in			
Speakers	Two 2W internal speakers			
Operating System Options	No Operating System, Microsoft Windows 7 Professional 32/64-bit, Microsoft Windows POSReady7 32/64-bit, Microsoft Windows 8.1 Industry Embedded Pro 32/64-bit			
Control Buttons	Power, brightness up, brightness down, volume up, volume down, Security Lockouts: Power and Control buttons lock.			
Aspect Ratio	15" models: 4:3 (standard), 17" models: 5:4 (standard), 20" models: 16:9 (standard)			
Active Display Area (W x H)	15" models: 11.97" x 8.98" (304.12mm x 228.1mm) 15" diagonal, active matrix TFT LED LCD, 17" models: 13.30" x 10.64" (337.92mm x 270.36mm) 17" diagonal, active matrix TFT LED LCD, 20" models: 17.1" x 9.39" (434.88mm x 238.68mm) 20" diagonal, active matrix TFT LED LCD			
Native (optimal) Resolution	15" models: 1024 x 768 @ 60Hz, 17" models: 1280 x 1024 @ 60Hz, 20" models: 1920 x 1080 @ 60Hz			
Brightness (typical)	LCD panel: 250 nits, AccuTouch: 200 nits, IntelliTouch: 225 nits, IntelliTouch zero-bezel: 225 nits, IntelliTouch Pro PCAP: 212.5 nits			
Response Time Total (typical)	15" models: Total: 16 msec, 17" models: Total: 5 msec, 20" models: Total: 20 msec			
Viewing Angle (typical)	15" models: Horizontal: 80°/85° or 165° total, Vertical: 70°/80° or 150° total, 17" models: Horizontal: ± 85° or 170° total, Vertical: ± 80° or 160° total 20" models: Horizontal: 178° total, Vertical: 178° total			
Contrast Ratio (typical)	15" models: 700:1, 17" models: 1000:1, 20" models: 3000:1			
Power Supply	External 19VDC universal-type power supply brick, AC input voltage: 100-240 VAC, Input frequency: 50-60 Hz, Maximum output power: 90W (Max Draw: 100W)	External 19VDC universal-type power supply brick AC input voltage: 100-240 VAC Input frequency: 50-60 Hz Maximum output power: 150W (Max Draw: 170W)		
Maximum Touchcomputer Dimensions With Stand (W x H x D)	15" models: 14.38" x 13.73" x 2.65" (365.18mm x 348.84mm x 251.7mm), 17" models: 15.64" x 15.40" x 2.86" (397.29mm x 391.07mm x 251.7mm) 20" models: 19.37" x 14.05" x 9.91" (492.12mm x 356.9mm x 251.7mm)			
Weight (with stand and Expansion Module)	15" models: 16.32 lbs (7.41kg), 17" models: 17.09 lbs (7.76kg), 20" models: 17.73 lbs (8.05kg)			
Temperature	Operating: 0°C to 35°C (32°F to 95°F), Storage: -20°C to 60°C (-4°F to 140°F)			
Humidity (non-condensing)	Operating: 20% to 80%, Storage: 5% to 95%			
Regulatory approvals / declarations	15X/17X : UL/cUL , FCC, TUV, CE, CB, Mexico COC, C-Tick, VCCI, Argentina S-Mark, CCC, 20X: UL/cUL , FCC, TUV, CE, CB			
Mounting Options	100mm VESA mount or secure base to tabletop/desktop			
MTBF	50,000 hours demonstrated			
Warranty	Three years (Extend two years with additional charge)			
What's in the Box	X-Series Touchcomputer, North America Power Cord; EU Power Cord; Power Adapter – 150W: X3/X5/X7 Or 90W: X2; Adapter Cable RJ-45 to DB-9; Cable cover locking screw, Quick Installation Guide (QIG)			