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X-Series Rev B

AiO Touchscreen Computers



Integrated Touch

Commercial Grade

3-Year Warranty

Product Overview

Our latest X-Series all-in-one touchscreen computer is one of the most powerful point-of-sale systems in its class. Choose a processor from the Intel® Celeron® Apollo Lake N3450 processor to the high-performance Intel® Core™ i7 Skylake processor – the most powerful processor we've ever put in an all-in-one computer to date. The highly versatile X-Series platform provides maximum configurability beginning with your choice of 15-, 17- and 20-inch touchscreen displays. Ideal for applications in any retail, restaurant or hospitality environment, the X-Series is both sleek and compact and offers with a wide array of field-installable peripherals, spill-resistant sealing and a range of input/output port connection options making the X-Series a perfect choice for your POS needs.

Full range of standard connectivity ports for retail POS/POI and hospitality applications

Customer-installable peripheral options - MSR, EMV, NFC/RFID, Barcode Reader, Fingerprint Reader, Webcam and customer-facing displays

The unique, modular chassis provides easy access to storage and memory for quick, tool-less service

X-Series All-in-One Touchscreen Computers (Rev B)

Model	X2 Model	X3 Model	X5 Model	X7 Model
Processor	Intel Celeron® Processor N3450 (2M Cache, up to 2.2 GHz)	Intel Core i3-6100TE Processor (4M Cache, 2.70 GHz) 4 MB Intel Smart Cache 8 GT/s Direct Media Interface 3 (DMI3)	Intel Core i5-6500TE Processor (6M Cache, up to 3.30 GHz) by Intel Turbo Boost Technology 2.0) 6MB Intel Smart Cache 8 GT/s Direct Media Interface 3 (DMI3)	Intel Core i7-6700TE Processor (8M Cache, up to 3.40 GHz) by Intel Turbo Boost Technology 2.0) 8MB Intel Smart Cache 8 GT/s Direct Media Interface 3 (DMI3)
Chipset	N/A	Intel H110 Express	Intel Q170 Express	
Video	Intel HD Graphics 500	Intel HD Graphics 530		
BIOS	AMI			
Memory (RAM)	4GB 1600MHz DDR3L SO-DIMM on 1 of 2 slots (Expandable to 8GB maximum* on 2 slots)***	4GB 2133MHz DDR4 SO-DIMM on 1 of 2 slots (Expandable to 16GB maximum** on 2 slots)***		
Storage	128GB 2.5" SATA SSD 72 TBW			
RAID	N/A		RAID 0 / RAID 1	
AMT	N/A		Active Management Technology (Intel® AMT 10.0/11.0) Support	
TPM	N/A		TPM 2.0	
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.		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	1 x 24V on I/O			
Serial Ports	1 x Serial RS-232 (standard), 1 x RJ45 (Native serial); 2 additional on Expansion Module.			
Ethernet Port	1 x LAN RJ45 (Gigabit), 1 additional on Expansion Module			
Wireless	Wi-Fi 802.11 a/b/g/n/ac, Bluetooth 4.0			
Cash Drawer Port	12V/24V Cash Drawer Port (24V default; selectable by BIOS setting)			
Additional Video Out	2nd VGA output, DP 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 OS, Win 10 IoT Enterprise LTSB 64-bit	No OS, Win 7 Pro 64-bit****, Win POSReady7 64-bit, Win 10 IoT Enterprise LTSB 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, 17" models: 5:4, 20" models: 16:9			
Number of Colors	15" models: 16.2 million, 17" models: 16.7 million, 20" models: 16.7 million			
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, TouchPro 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: 150W			
Power Consumption	15" models: 33W 17" models: 38W 20" models: 39W	15" models: 55W 17" models: 60W 20" models: 71W	15" models: 59W 17" models: 64W 20" models: 75W	15" models: 59W 17" models: 64W 20" models: 75W
Energy Star Support	Yes			
Dimensions With Stand (WxHxD)	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)			
Shipping Dimension	15" models: 20.28" x 14.37" x 17.13" (515mm x 365mm x 435mm), 17" models: 23.43" x 14.37" x 18.90" (595mm x 365mm x 480mm), 20" models: 27.17" x 14.41" x 17.52" (690mm x 366mm x 445mm)			
Weight	Unpackaged (with stand) - 15" models: 15.17 lbs (6.89kg); 17" models: 15.95 lbs (7.24kg); 20" models: 16.59 lbs (7.53kg) Unpackaged (without stand) - 15" models: 9.43 lbs (4.31kg); 17" models: 10.26 lbs (4.66kg); 20" models: 10.90 lbs (4.95kg) Packaged (With stand) - 15" models: 21.92 lbs (9.95kg); 17" models: 25.33 lbs (11.5kg); 20" models: 25.83 lbs (11.73kg)			
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% (38.7 °C max wet bulb temperature)			
Sealability	Touchscreen sealed to sub-bezel; Touchscreen sealed to LCD			
Regulatory Approvals	UL/cUL, FCC, TUV, CE, CB, Mexico COC, C-Tick, VCCI, Argentina S-Mark, CCC			
Mounting Options	100mm VESA mount or secure base to tabletop/desktop			
MTBF	50,000 hours demonstrated			
Warranty	Three years (extended warranty available for one or two years - North America and EMEA only)			
What's in the Box	X-Series RevB Touchcomputer, North America Power Cord, EU Power Cord, Power Adapter – 150W, Cable RJ-45 to DB-9, Cable cover locking screw, Quick Installation Guide (QIG)			

*Maximum memory using 2 slots. Expandable up to 8GB maximum, SO-DIMM DDR3L-1600 (PC3-12800).

**Maximum memory using 2 slots. Expandable up to 16GB maximum, SO-DIMM DDR4-2400 (PC4-19200).

***Check brand of the memory included in your unit before purchasing the memory kit.

****Select Windows 7 systems (excluding POS 7 systems) are preinstalled with Windows 7 and come with a license for Windows 10 at no additional charge. If your system has a Windows 10 license sticker, then your system includes this feature and, subject to the licensing terms for the Windows software, you may temporarily use the loaded Windows version before upgrading.

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

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