Technology at Work.®

JANAM

XM Series Antimicrobial

Mobilizing a mobile industry.

Healthcare providers, lab specimens, patient records and even patients themselves are on the move. Healthcare is an inherently mobile industry. It's also an industry that relies on accurate, timely information. Throughout the healthcare industry, across organizations from the point of care to the back office, the pressure to reduce costs, streamline processes, eliminate errors and deliver excellence has never been higher. It is no wonder that mobile technologies are increasingly being adopted by healthcare organizations. And it is no surprise that Janam developed an antimicrobial line of its popular XM Series to support partners serving the healthcare sector with solutions designed to improve patient safety, streamline operations and reduce medical errors.

The right features and the right price for healthcare.

Rugged handheld computers are only valuable if workers use them. For an industry like healthcare, where executing tasks swiftly and simply is as important as conforming to legacy processes and legal regulations, factors tied to user acceptance have high priority. Comfort, speed and weight matter. Janam offers the only rugged antimicrobial handhelds that deliver a full 3.5" color display yet weigh less than 10 ounces. While the light, ergonomic design makes the handheld easy to carry, the relatively large display provides superior viewability, making it a welcome tool for uses ranging from medication administration to specimen tracking.

Built to withstand rigorous use in tough environments, the XM Series AM devices survive repeated 4'/1.2m drops to concrete which is decidedly harsher than floors typically found in clinical settings, and are sealed to IP54 standards. They are easy to clean and unlike other mobile healthcare devices in this category, the entire device – not just the plastic housing – is protected by an antimicrobial coating. This continuous protective layer covering the device housing, scan window, display surface, screws and stylus kills microorganisms and protects against the spread of potentially harmful bacteria and microbes.

Fast, reliable omnidirectional 1D and 2D upgradeable barcode scanning helps clinicians, pharmacists and lab technicians improve accuracy and increase patient safety. With an XM66AM or XM60+AM in hand, there's no need for nurses to return to a work station to update patient records. Flexible, secure, Cisco CCX-certified WiFi enables providers to automatically update data and synchronize information with centralized patient database systems, saving precious time and maintaining patient privacy.

XM60+AM with PDA keypad

XM66AM with numeric keypad

Value-driven mobility.

Value-driven mobility delivers maximum return on investment by closely matching application needs with device features. The XM Series antimicrobial rugged mobile computers deliver highest quality, superior value and the right features for healthcare applications. It's technology at work.

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XM Series Specifications (XM66 and XM60+)

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TECHNICAL			
Operating System	Microsoft Windows Mobile 6.1 or Windows CE 5.0		
Processor	Freescale™ i.MX31 @533MHz		
Memory	256MB DDR SDRAM, 256MB NAND		
Expansion	User accessible microSD card slot		
Power	Swappable 3.7V 2400mAh rechargeable Li-ion battery		
PHYSICAL			
Dimensions	1.20" H x 3.11" W x 5.75" L / 30.5mm H x 79mm W x 146mm L		
Weight	9.85oz / 279g with battery		
Keypad	Backlit numeric keypad or backlit PDA keypad (with 4-way navigation)		
Display	3.5" Color TFT QVGA (240x320); 262K colors		
Touch Panel	Analog resistance type; stylus input		
ENVIRONMENTAL			
Operating Temperature	14º to 122ºF / -10º to 50ºC		
Storage Temperature	-13º to 158ºF / -25º to 70ºC		
Humidity	5% to 90% RH (no condensation)		
Drop	Multiple 4ft / 1.2m drops to concrete on all sides across a wide temperature range		
Water & Dust	IP54 Category II		
Vibration	0.03 G^2/Hz from 20Hz to 2kHz; 1 hour random wave per axis		
Electro Static Discharge (ESD)	+/- 15kVDC air; +/- 8kVDC contact		
Sterilization	76.9% to 81.4% concentration alcohol rub		
Ambient Light	450ft-candelas (artificial light); 8,000ft-candelas (sunlight)		
INTERFACE FEATURES			
Audio	Speaker and Microphone		
Alerts	Vibration, LED indicators, audio beep		
LED Indicators	Tri-color		
Scan Triggers	Left, right, center buttons		
DATA CAPTURE			
Imager	1D/2D Adaptus® Imaging Technology; 752 x 480 pixel CMOS area imager		
1D Symbologies	China Post, Codabar, Codablock F, Code 11, Code 16K, Code 32 Pharmaceutical (PARAF), Code 39, Code 49, Code 93 and 93i, Code 128, EAN-8, EAN-13, GS1-128, GS1 Databar (RSS-144, RSS Limited, RSS Expanded), Interleaved 2 of 5, ISBT 128, Matrix 2 of 5, Korea Post, MSI, Plessey Code, PosiCode, , Straight 2 of 5 IATA (two-bar start/stop), Straight 2 of 5 Industrial (three-bar start/stop), Telepen, Trioptic Code, UPC-A, UPC-A with Extended Coupon Code, UPC-E, UPC-E1		
2D Symbologies (with firmware upgrade)	PDF417 (EAN-UCC Composite, MicroPDF417, PDF417, TCIF Linked Code 39, TLC39), 4-CB (4-State Customer Barcode), Australian Post, Aztec Code, Aztec Mesas, British Post, Canadian Post, GS1 Data Matrix, Han Xin, ID-tag (UPU 4-State), Japanese Post, KIX (Netherlands) Post, MaxiCode, OCR, Planet Code, Postnet, QR Code		
DATA COMMUNICATION			
IrDA	Standard v1.2		
USB	Hi-Speed USB 2.0 (up to 480mbps)		
WPAN	Bluetooth v2.0		
WLAN	Summit IEEE 802.11a/b/g; Aruba Networks and Cisco certified		
Wireless Security	Authentication: EAP (TLS, PEAP-MSCHAPv2, PEAP-GTC, PEAP-TLS, TTLS, EAP-FAST, LEAP) or PSK Encryption: WPA2 (AES-CCMP), WPA (TKIP), WEP - 40 bit and 128-bit keys		
ACCESSORIES			
	Single-Slot Cradle Kit	RFID Reader	Stylus 5-Pack
	Four-Slot Cradle Kit	Cable Cup	Stylus Tether
	Modem Cradle Kit	Vehicle Charger	Nylon Holster
	Extended Capacity Battery	Syncing/Charging Cables	Adjustable Handstrap
	Magnetic Stripe Reader	Battery Charger	Operating Case
SAFETY/REGULATORY			
Safety	CSA C22.2 No. 60950-1-03, EN60950-1:2001+A11, IEC/EN60601-1-2:2007		
EMI	FCC Part 15 Subpart B, EN55022:1998+A1: 2000+A2:2003, EN55024:1998+A1:2000+A2:2003, ICES-003 Issue 4, AS/NZS CISPR 22:2006		
RF	FCC Part 15 Subpart C and Subpart B, EN300 328 v1.6.1 (2004-11), EN301 489-1 v1.6.1 (2005-09), EN301 489-17 v1.2.1 (2002-08), RSS 210 Issue 6, AS/NZS 4268:2008		
Hazardous Locations	UL Listing (US and Canada) Class I Div 2, Groups A, B, C, D		