Technology at Work.®

JANAM

XM70 Rugged Mobile Computer

More Power. More Flexibility.

As enterprise and government mobility requirements evolve at a rapid pace, protecting technology investments is more important than ever. When evaluating mobile computers, forward-looking organizations need to select a device that addresses both today's and tomorrow's business needs.

Designed to deliver maximum return on investment, the new XM70 provides support for Android™ and Microsoft Windows Embedded® Handheld 6.5 operating systems on the same device, allowing customers to future-proof their technology investment and eliminate the costs associated with forced application migration and expensive hardware upgrade. In addition, backward compatibility with XM66 accessories allows Janam's global customer base to reuse existing technology while cost-effectively upgrading to the latest mobile computing platform.

Pocketable Powerhouse.

Weighing less than 10 ounces and equipped with a full 3.5-inch display, the XM70 is designed to fit in the palm of the hand and can survive all-day use in challenging environments. The XM70 can withstand 4 foot/1.2 meter drops to concrete on all sides across a wide temperature range and is sealed against rain and dirt to IP54 standards. Choice of 2400mAh or 4000mAh Li-ion battery ensures uninterrupted operation throughout the workday.

Advanced 1D and 2D barcode scanning technology allows the XM70 rugged mobile computer to decode even the most difficult to read barcodes with extraordinary scanning speed and outstanding motion tolerance. A powerful ARM Cortex-A8 processor and double data rate (DDR) memory ensures reliable and powerful performance for complex applications. It's technology at work™.

The right features. The right price.

- Small, light and truly pocketable – under 10 ounces
- Same hardware runs Android and Microsoft Windows Embedded Handheld 6.5
- Brilliant 3.5-inch color display optimized for indoor and outdoor use
- High-performance 1D and 2D barcode scanning
- Multiple 4'/1.2m drops to concrete across operating temperature range
- Sealed to IP54 standards against dust and water
- 1GB/4GB of built-in memory with expansion capability
- User-accessible microSD card slot
- Summit IEEE 802.11a/b/g/n Wi-Fi
- Bluetooth connectivity
- Numeric or PDA keypad
- Full system of accessories

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XM70 Specifications

TECHNICAL	
Operating System	Android 4.1.2 or Microsoft Windows Mobile 6.5
Processor	ARM Cortex-A8 CPU @1GHz
Memory	1GB SDRAM / 4GB NAND
Expansion	User-accessible microSD card slot
Power	2400mAh or 4000mAh 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)
Touch Panel	Resistive touch screen
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
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	Zebra SE4500 (1D and 2D barcode scanning)
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	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	
USB	Hi-Speed USB 2.0 (up to 480mbps)
WPAN	Bluetooth v2.1
WLAN	Optional Summit IEEE 802.11a/b/g/n; 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
	Four-Slot cradle kit
	Extended capacity battery
SAFETY/REGULATORY	
Safety	EN60950-1:2006/A2:2013, CAN/CSA-C22.2 No. 60950-1-07 (R2012), EN60601-1-2:2014
EMI	FCC Part 15 Subpart B:2013, EN55022:2010+AC:2011, EN55024:2010, ICES-003 Issue 5 August 2012, AS/NZS CISPR 22:2009+A1:2010
RF	FCC Part 15 Subpart C and Subpart B:2013, EN300 328 v1.8.1 (2012-6), EN300 328 v.1.9.0, EN301 489-1 v1.9.2 (2012-10-23), EN301 489-17 v2.2.1 (2012-10-23), RSS 210 Issue 8, AS/NZS 4268:2012/Amdt 1:2013