



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 4.0 connectivity
- » Numeric or PDA keypad
- » Full system of accessories

XM70 Specifications



TECHNICAL

Operating System	Android 4.1.2 or Windows Embedded Handheld 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	5.75"L x 3.11"W x 1.2"H / 146mm L x 79mm W x 30.5mm H
Weight	9.85oz / 279g including battery
Keypad	Backlit numeric keypad or backlit PDA keypad (with 4-way navigation)
Display	3.5" TFT QVGA (240x320)
Touch Panel	Resistive touch screen

ENVIRONMENTAL

Operating Temperature	14° to 122° F / -10° to 50° C
Storage Temperature	-13° to 158° F / -25° to 70° C
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	0.03G2/Hz from 20Hz to 2kHz in all three axes; one hour 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; 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	Bookland EAN, Chinese 2 of 5, Codabar, Code 11, Code 32, Code 39, Code 93, Code 128, Composite CC-A/B, Composite CC-C, Composite TLC-39, Discrete 2 of 5, EAN-128, EAN-8/JAN-8, EAN-13/JAN-13, GSI-128, Interleaved 2 of 5, Inverse 1D, ISBT 128, ISSN EAN, Korean 3 of 5, Matrix 2 of 5, MSI, UCC Coupon Extended Code, UPC-A, UPC-E, UPC-E1
2D Symbologies	Aztec, Aztec Inverse, Data Matrix, Data Matrix Inverse, Han XIN, MaxiCode, MicroPDF417, Micro QR, PDF417, QR Code, QR Inverse
Postal Codes	Australian Postal, Japan Postal, Netherlands KIX Code, UK Postal, UPU FICS Postal, US Planet, US Postnet, USPS 4CB/One Code/Intelligent Mail

DATA COMMUNICATION

USB	High-Speed USB 2.0 (up to 480mbps)
WPAN	Bluetooth v4.0
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 v1.9.0; 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