JANAM

XM Series

Power, performance and price advantage.

Designed to deliver maximum return on investment, Janam's XM Series mobile computers are feature-rich and affordable. These rugged Microsoft Windows handhelds deliver advanced barcode scanning, robust WLAN communication and long battery life. With the latest, most powerful Freescale processor and double data rate (DDR) memory, the XM66 and XM60+ bring impressive horsepower to the point of activity. Features designed for the front line and a price that drives the bottom line set Janam's XM Series ahead of its class.

More of what matters.

Janam's XM Series mobile computers are sculpted to fit in the hand and are the only products in the category that weigh less than 10 ounces and have a full 3.5″ display. The units are capable of withstanding repeated 4 foot/1.2 meter drops to concrete and are sealed to IP54 standards. The XM66 and XM60+ each has a user-accessible microSD card slot and full suite of accessories and cradles that accommodates varying enterprise application needs.

Like all Janam products, the XM Series features integrated 1D barcode scanning and built-in 2D barcode scanning capability. Janam's 2D scanning solution enables users to upgrade barcode scanning functionality from 1D to 1D/2D on any device at any time with a simple firmware upgrade. So regardless of the type of barcode used today, Janam's mobile computers offer the flexibility to adapt as business needs change. It's technology at work.

XM66
Windows Mobile 6.1

XM60+
Windows CE 5.0

The right features. The right price.

» Small and light – under 10 ounces
» Full 3.5″ color display
» High-performance barcode scanning
» WLAN 802.11b/g and a/b/g radio options
» Cisco CCX v4 certified
» Bluetooth
» Double data rate (DDR) memory
» User-accessible microSD card slot
» Sculpted to fit in the hand – truly pocketable
» Withstands multiple 4'/1.2m drops to concrete across a wide temperature range
» Sealed to IP54 standards
» Ten-layer PCB with grounding planes
» Hi-Speed USB 2.0 and serial output
» Full system of accessories

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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	128MB DDR SDRAM, 128MB NAND
Expansion	User accessible microSD card slot
Power	Swappable 3.7V 2000mAh rechargeable Li-ion main battery; rechargeable 20mAh Ni-MH backup 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
Display	3.5" Color TFT QVGA (240x320) ; 262K colors
Touch Panel	Analog resistance type; stylus input

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 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, Interleaved 2 of 5, ISBT 128, Matrix 2 of 5, Korea Post, MSI, Plessey Code, PosiCode, Reduced Space Symbology (RSS-144, RSS Limited, RSS Expanded), 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, Data Matrix, 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 v1.2
WLAN	Summit IEEE 802.11b/g or 802.11a/b/g, 2.4GHz; Cisco CCX v4 certified
Wireless Security	WPA-PSK, WPA2-PSK, AES, LEAP, PEAP (MS-CHAPv2), PEAP-TLS, TKIP, EAP-TLS, WEP 40-bit, WEP 128-bit

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
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 22:2004
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
Hazardous Locations	UL Listing (US and Canada) Class 1, Division 2, Groups A, B, C, D

Specifications subject to change.

Janam Technologies LLC