

XM65

Microsoft Windows Mobile® Rugged Mobile Computer

XM65N-1NCLBQ02	Bluetooth, Numeric keypad, Microsoft Windows Mobile 5.0, 1D scanning, 2D scanning capability, 240x320 QVGA color display, Freescale MX21-266MHz CPU, 64MB/128MB, 1880mAh battery
XM65W-1NCLBQ02	WLAN 802.11b/g, Bluetooth, Numeric keypad, Microsoft Windows Mobile 5.0, 1D scanning, 2D scanning capability, 240x320 QVGA color display, Freescale MX21-266MHz CPU, 64MB/128MB, 1880mAh battery





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Priced to move.

Janam's XM65 is the Windows Mobile device that brings together power, performance and price advantage like no other in its class. Small, light and fully rugged, the XM65 is the mobile computer that workers will want to use. Advanced barcode scanning, robust WLAN communication and long battery life make it the Windows Mobile solution that businesses will prefer. And its remarkably low price makes it easy to own. Increasing productivity, enhancing efficiency and improving the bottom line with rugged mobile computing is now more affordable than ever. It's technology at work.

Mobilizing business.

The XM65 is best-in-class, packed with all the features that businesses need yet weighing less than 10 ounces and capable of withstanding repeated 4 foot/1.2 meter drops to concrete. The XM65 delivers a full-sized 3.5" display for easy viewing, powerful Freescale™ MX21 processor, user accessible mini-SD card slot, robust IP54 sealing and a full suite of accessories and cradles designed for enterprise applications. It delivers all of this in a sleek, ergonomic form that embodies both functionality and efficiency.



Like all Janam products, the XM65 features integrated 1D barcode scanning and built-in 2D barcode scanning capability. Janam's 2D scanning solution enables users to upgrade barcode scanning capability 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, the XM65 offers the flexibility to adapt as business needs change, without the need to invest in new hardware.

The right features. The right price.

- » Microsoft® Windows Mobile® 5.0 Premium
- » High-performance barcode scanning
- » Small, light and truly pocketable
- » Backlit numeric keypad
- » Brilliant QVGA color display
- » Powerful computing performance
- » User-accessible mini-SD memory slot
- » Wireless communication options (IEEE 802.11b/g and Bluetooth)
- » Sealed to IP54 standards
- » Withstands multiple 4'/1.2m drops to concrete across a wide temperature range
- » Full system of accessories

XM65 Series Specifications



TECHNICAL

Operating System	Microsoft® Windows Mobile® 5.0 Premium
Processor	Freescall™ MX21-266MHz
Memory	64MB SDRAM 128MB NAND
Expansion	User accessible mini-SD slot; compatible with up to 4GB mini-SD card
Battery	Swappable 3.7V 1880mAh rechargeable Li-ion
Backup Battery	Rechargeable 20mAh Ni-MH

PHYSICAL

Dimensions	1.20" H x 3.11" W x 5.75" L / 30.5mm H x 79mm W x 146mm L
Weight	9.88oz / 280g
Keypad	Backlit numeric keypad
Display Size	2.17" W x 2.95" L / 55.0mm W x 75.0mm L
Display Type	262K colors TFT QVGA (240x320)
Touch Panel	Analog resistance type; stylus input

ENVIRONMENTAL

Operating Temp	-4° to 122°F / -20° to 50°C
Storage Temp	-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 (up to 115,200bps)
USB	v1.1 client (up to 12Mbps), OTG support
WPAN	Bluetooth v1.2
WLAN	IEEE 802.11b/g radio, 2.4GHz

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
Larger Capacity Battery	Synching/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

JANAM XM65 List Pricing

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2D Scanning Firmware		
2D-XP-1	2D Decode firmware upgrade for all XP Series and XM Series handhelds	\$200

Accessories

Janam accessories can be used with all XM Series and XP Series Products unless otherwise noted.

» Cradle Kits

CK-XP-1S	Single Slot USB/Serial Cradle Kit ¹	\$195
CK-XP-1M	Single Slot Modem Cradle Kit ¹	\$350
CK-XP-4	Four Slot Cradle Kit ¹	\$590

» Expanded Performance

ATC-RF1-1	RFID Reader	\$195
MSR-XP-1	Magnetic Stripe Reader	\$195
CC-XP-1	Universal Cable Cup ⁶	\$95
VA-XP-1	Vehicle Charging Adapter ⁵	\$50
HL-P-001	Nylon Operating Case	\$60
HL-XP-1	Nylon Holster with Rugged Clip	\$35
SS-XP-5	Stylus Tether (5-pack)	\$20

» Cables

SC-XP-1	Serial Synching/Charging Cable ²	\$35
UC-XP-1	USB Synching/Charging Cable ²	\$30
AC-XP-1	Power Supply ⁵	\$25
CAB-DX1-1	DEX Cable (use with CC-XP-1)	\$75
CAB-ON1-1	ONeil Printer Cable (use with CC-XP-1)	\$75
CAB-ZB1-1	Zebra QL Printer Cable (use with CC-XP-1)	\$75
CAB-ZB2-1	Zebra RW Printer Cable (use with CC-XP-1)	\$75

» Batteries/Chargers

BA-XP-1	Battery (1880mAh 3.7V)	\$50
BA-XP-2	Extended Battery (3760mAh 3.7V) ³	\$95
BK-XP-1	Extended Battery Kit (with Cover) ³	\$125
BC-XP-1	Battery Charger	\$75
PS-XP-BC	Power Supply for BC-XP-1	\$45
UBC 3000	Four-Station Battery Charging Base ⁴	\$110

» Spare and Replacement Items

PS-XP-1	Power Supply for CK-XP-1M & CK-XP-1S	\$65
PS-XP-4	Power Supply for CK-XP-4	\$90
HS-P-001	Handstrap	\$15
ST-XP-5	Stylus (5-pack)	\$10

Notes:

1. Cradle Kits include cradle, power supply, line cord and communications cable(s).
2. To charge a device using the synching/charging cables, the separately orderable power supply (AC-XP-1) is required. If cables are used for synching only, power supply is not needed.
3. Must purchase Extended Battery Kit (BK-XP-1) before Extended Battery (BA-XP-2). Battery cover required to secure larger battery.
4. UBC 3000 includes universal power supply and line cord.
5. To be used with UC-XP-1, SC-XP-1 and CC-XP-1.
6. To charge a device with the Cable Cup attached, the separately orderable power supply (AC-XP-1) is required.