XM5 Rugged Mobile Computer

Powerful Performance. Maximum Flexibility.

Today's workforce has become increasingly reliant on mobile technologies to address business challenges, increase productivity, win customer loyalty and gain competitive advantage. In turn, the need for rugged, reliable and versatile mobile computing solutions is more critical than ever.

Janam's XM5 rugged mobile computer combines the latest technological advancements in mobile devices with a sleek and rugged design to provide the power and flexibility that enterprise and government customers demand. Purpose-built to adapt as business needs change, the XM5 supports Android™ and Microsoft® Windows Embedded Handheld 6.5, allowing customers to choose the operating system and application migration schedule that best supports their mobility requirements. The XM5 offers the latest in barcode scanning technology. Customers can choose between a 1D/2D imager or 1D laser scanner – delivering the right features at the right price™. Add in embedded HF RFID and NFC reading capabilities and you have a rugged device that is fully equipped to get the job done. It's technology at work.

More choices.

The XM5 is available with either a QWERTY or Numeric keypad. It also offers 802.11a/b/g/n WLAN and 3G/4G WWAN communications for access to high-quality and reliable voice and data inside and outside the four walls. Additional features include 3.5 inch brilliant VGA TFT display, 5.0 megapixel autofocus camera, Bluetooth and smart battery power management.

Designed to support demanding enterprise applications, Janam's XM5 is sealed to IP65 standards, survives 5' drops to concrete and is UL-certified for hazardous locations.

The right features. The right price.

» Same hardware runs Android and Windows Embedded Handheld 6.5
» 3.5 inch VGA TFT display
» High performance integrated barcode scanning
» ARM Cortex-A8 @1GHz
» Multiple 5'/1.5m drops to concrete
» Sealed to IP65 standards
» UL-certified for hazardous locations
» Embedded RFID and NFC capabilities
» 802.11a/b/g/n Wi-Fi and Bluetooth
» 4000mAh rechargeable Li-ion battery
» GPS and Assisted-GPS
» 3G/4G WWAN technology (UMTS/HSPA+/HSDPA/HSUPA/GSM)

XM5 Specifications

TECHNICAL

Operating System	Android 4.2 or Microsoft Windows Embedded Handheld 6.5
Processor	ARM Cortex-A8 @ 1GHz
Memory	512MB RAM / 1GB ROM
Expansion	User-accessible microSD card slot with SD and SDHC support
Power	4000mAh rechargeable Li-ion battery

PHYSICAL

Dimensions	6.1"L x 2.9"W x 1.0"D / 156.9mm L x 75.6mm W x 25.8mm D
Weight	10oz / 305g including battery
Display	3.5" TFT VGA (480x640)
Touch Panel	Resistive touch screen

ENVIRONMENTAL

Operating Temperature	-4º to 140º F / -20º to 60º C
Storage Temperature	-13º to 158º F / -25º to 70º C
Humidity	Non-condensing, 95%
Drop	Multiple 5ft / 1.5m drops to concrete on all sides across a wide temperature range
Water & Dust	IP65
Vibration	Amplitude 2MM from 10HZ to 33HZ in all three axes; one hour per axis
Electro Static Discharge (ESD)	+/- 8kVdc air; +/- 15kVdc contact
Sterilization	85% concentration alcohol rub

INTERFACE FEATURES

Audio	3.5mm headset jack with Secure Lock; mono speaker; mono microphone
Alerts	Vibration; LED indicators; audio beep
LED Indicators	2 dual LEDs on front
External Buttons	Numeric keypad or QWERTY keypad; Right: Scan/Power, Left: Scan/Up/Down

DATA CAPTURE

Imager	Honeywell N5600 with 2D Adaptus® Imaging Technology
Laser	Honeywell N4300 miniature laser engine
RFID/NFC	Reads ISO14443 Type A, ISO14443 Type B, ISO15693 and Mifare Classic RFID tags in the 13.56 MHz range

WIRELESS COMMUNICATION

WWAN	UMTS/HSPA+/HSDPA/HSUPA/GSM
WLAN	802.11a/b/g/n
Security	Authentication: EAP (TLS, PEAP-MSCHAPv2, PEAP-GTC, PEAP-TLS, TTLS, EAP-FAST, LEAP) Encryption: WPA2 (AES-CCMP), WPA (TKIP), WEP
WPAN	Bluetooth v2.1, Class 2 EDR

MOBILE APPURTENANCES

Motion Sensor	G-Sensor Accelerometer
GPS	U-Blox GPS and Assisted GPS
Camera	5.0 megapixel autofocus camera with LED flash

ACCESSORIES

	Single-slot cradle kit (USB; Ethernet)
	Four-slot cradle kit (Charging)
	Nylon holster
	Syncing/charging cable
	Charging adapter

SAFETY/REGULATORY

Safety	CSA C22.2 No.60950-1-03; UL60950; EN60950-1; UL1604 Class 1 Div 2 (A,B,C,D); EN60825
EMI	FCC Part 15B
RF	FCC Part 15B and 15C, RSS-210, ICES-003
Hazardous Locations	UL Listing (US and Canada) Class I Div 2, Groups A, B, C, D

Specifications subject to change.

Janam Technologies LLC