



## 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          | -4° to 140° F / -20° to 60° C  |
| Storage Temperature            | -13° to 158° F / -25° to 70° 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)<br>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                          |

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