Field-Proven for demanding environments.
As enterprise and government customers look for innovative ways to improve operational efficiencies and gain meaningful business intelligence data, Radio Frequency Identification (RFID) has emerged as a viable, affordable technology with rich capabilities and enormous promise. Organizations across industries, including retail, transportation and logistics, manufacturing and defense are increasingly turning to RFID-enabled solutions to track goods in the supply chain, reduce counterfeiting, speed up data capture activity and improve the customer experience. Janam’s XM2-RFID UHF mobile computer is a rugged and integrated RFID handheld reader for all-day, every-day use in challenging environments. With best-in-class RFID read range and accuracy, the XM2-RFID UHF is ergonomically designed to deliver businesses-critical enterprise features to the palm of the hand.

Achieve new levels of accuracy.
The XM2-RFID UHF mobile computer is fully-featured to provide the power and performance required by mobile workers. Offering a range of features that allow businesses to deploy a device optimized to meet their needs, the XM2-RFID UHF is equipped with a brilliant 3.2-inch color display, 2D imager for robust decoding of the hardest-to-read barcodes and support for Microsoft’s Windows Embedded Handheld 6.5 operating system. Delivering the right combination of performance and reliability, the 13-ounce XM2-RFID UHF mobile computer reads ISO18000-63, EPC Global Class 1 Gen 2 tags and after five hours of continuous use and more than 40,000 tag reads, still has 20 percent capacity remaining in its battery. Janam’s XM2-RFID UHF is fully-featured and available at a highly attractive price point for organizations focused on improving their bottom line.

The right features. The right price.
» Small and light—only 13.0 ounces with battery
» Brilliant 3.2-inch color display
» High performance barcode scanning
» Powerful ARM 9 CPU
» Sealed to IP64 standards
» 128MB/128MB with expansion capability
» 802.11b/g/n Wi-Fi and Bluetooth
» 2880mAh hot-swappable Li-ion battery
XM2-RFID UHF Specifications

TECHNICAL

Operating System  Microsoft® Windows® Embedded Handheld 6.5
Processor       ARM 9 CPU
Memory          128MB RAM/128MB NAND Flash
Expansion       User-accessible microSD card slot
Power           2880mAh rechargeable Li-ion battery

PHYSICAL

Dimensions      5.8" H x 2.9" W x 1.0" L / 148mm H x 73mm W x 25.4mm L
Weight          13oz / 370g including battery
Keypad          Numeric
Display         3.2" QVGA with LED backlight
Touch Panel     Resistive touch screen

ENVIRONMENTAL

Operating Temperature -4º to 122º F / -20º to 50º C
Storage Temperature -22º to 158º F / -30º to 70º C
Humidity         5% to 90% RH (no condensation)
Drop             4ft / 1.2m drops to concrete on four sides
Water & Dust     IP64
Tumble           250 3.2’ (1m) tumbles (250 drops)
Electro Static Discharge (ESD) +/- 15kVdc air; +/- 8kVdc contact
Sterilization   76.9% to 81.4% concentration alcohol rub

INTERFACE FEATURES

Communication Port Industrial connector
Audio            Speaker and Microphone
Alerts           Vibration; LED indicators; audio beep
LED Indicators   Tri-color
Scan Triggers    Left, right, center buttons

DATA CAPTURE

RFID             Reads ISO18000-63, EPC Global Class 1 Gen 2 RFID tags
Imager           Zebra SE4500 1D/2D CMOS Imager

WIRELESS COMMUNICATION

WLAN             802.11b/g/n
Security         WEP (40 or 128 bit); TKIP; AES; WPA2-PSK; WPA-PSK; WPA2 (EAP-TLS, EAP-PEAP)
WPAN             Bluetooth v2.1 with EDR

MOBILE APPURTENANCES

Compass          API-addressable compass for applications

ACCESSORIES

Single-slot USB/Serial cradle kit
Cradle Cup kit

 SAFETY/REGULATORY

RF               FCC Part 15 Subpart C and Subpart B:2013; EN300 328 v1.8.1 (2012-06), EN300 328 v1.9.0; EN301 489-1 v1.9.2 (2012-10-23); EN301 489-17 v2.2.1 (2012-10-23)