Technology at Work.®

JANAM

XM2-RFID UHF

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

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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 122ºF / -20º to 50ºC
Storage Temperature	-22º to 158ºF / -30º to 70ºC
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	
Safety	EN60950-1:2006/A2:2013; EN60601-1-2:2014
EMI	FCC Part 15 Subpart B:2013; EN55022:2010+AC:2011; EN55024:2010
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)