



XG3-ER Rugged Mobile Computer

Extreme Performance to Go the Distance.

Extended-range barcode scanning is critical for success in physically large-scale operations such as manufacturing facilities, distribution centers, warehouses and plant floors. The XG3-ER combines the winning features found in Janam's XG3 rugged mobile computer with powerful long-range barcode scanning to enable mobile workers to scan barcodes at both near and extreme distances.

Built to survive in the most challenging environments, the XG3-ER is one of only a few devices available with Intermec's industry-leading EX25 near/far imager. With breakthrough auto-focus technology and barcode reading range that is 30 percent greater than competitive scanners, the XG3-ER offers unparalleled flexibility to read virtually any kind of 1D and 2D barcode, omni-directionally, from six inches out to more than 50 feet. It also provides accurate, motion-tolerant scanning when lighting conditions are dim or the barcodes are damaged, obscured or placed on high shelving.

Rugged Construction. Built to Survive.

The XG3-ER is designed with the user in mind. Every feature and function is carefully selected to maximize effectiveness and optimize usability in the workplace. Features include a brilliant 3.5-inch color display with hardened glass, ARM Cortex-A8 CPU @1GHz and choice of keypads that deliver the performance, power efficiency and flexibility that enterprise and government customers require. The XG3-ER also provides exceptional battery life with a standard 5200mAh hot-swappable Li-ion battery.

Eliminating the weight and bulk associated with competitive devices, the XG3-ER is the lightest industrial-grade device in its class. With its pistol grip ergonomically designed for user comfort, it is optimized for scan-intensive use during long shifts.

Janam's XG3-ER rugged mobile computer is sealed to IP65 standards and survives repeated 6' drops to concrete on all sides across a full spectrum of temperatures.

The right features. The right price.



- » Lightest industrial-grade mobile computer in its class- at under 22 ounces
- » Microsoft® Windows® Embedded Handheld 6.5
- » Brilliant 3.5-inch VGA TFT display
- » High performance barcode scanning
- » ARM Cortex-A8 CPU @1GHz
- » Multiple 6'/1.8m drops to concrete
- » Sealed to IP65 standards
- » 512MB/1GB with expansion capability
- » 802.11a/b/g/n Wi-Fi and Bluetooth
- » Support for Voice Over IP (VoIP)

XG3-ER Specifications



TECHNICAL

Operating System	Microsoft® Windows® Embedded Handheld 6.5
Processor	ARM Cortex-A8 CPU @1GHz
Memory	512MB RAM/1GB ROM
Expansion	User-accessible microSD card slot
Power	5200mAh rechargeable and hot-swappable Li-ion battery

PHYSICAL

Dimensions	7.4" H x 3.1" W x 8.3" L / 188mm H x 79mm W x 211mm L
Weight	21.7oz / 643.5g including battery
Keypad	34-Key Numeric; 57-Key Alpha-Numeric
Display	3.5" Color TFT VGA; 600 NITS
Touch Panel	Resistive touch screen

ENVIRONMENTAL

Operating Temperature	-4° to 140°F / -20° to 60°C
Storage Temperature	-40° to 158°F / -40° to 70°C
Humidity	95% RH (no condensation)
Drop	Multiple 6ft / 1.8m drops to concrete on all sides across a wide temperature range
Water & Dust	IP65
Electro Static Discharge (ESD)	+/- 15kVdc air; +/- 8kVdc contact

INTERFACE FEATURES

Communication Port	USB 2.0
Audio	Speaker; Microphone; 3.5mm headset jack; Supports VoIP
Alerts	Vibration; LED indicators; audio beep
LED Indicators	Tri-color indicators at top, rear and bottom
Scan Triggers	Pistol-grip trigger (located on handle, side and top)

DATA CAPTURE

Imager	Intermec EX25 Near/Far 2D Imager
Scanning Performance	Capable of scanning 1D and 2D barcodes from 6 in to 50 ft (5.2 cm to 15.2 m)

WIRELESS COMMUNICATION

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 with EDR

MOBILE APPURTENANCES

Motion Sensor	Accelerometer
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ACCESSORIES

	Single-slot USB cradle kit	Four-slot charge only cradle kit
	Single-slot Ethernet cradle Kit	Four-slot battery charger
	Forklift cradle kit	Vehicle Mount cradle kit

Safety/Regulatory

Safety	CSA C22.2 No.60950-1-03; UL60950; EN60950-1; EN60825
EMI	FCC Part 15B
RF	FCC Part 15B and 15C, RSS-210, ICES-003