



XT Series

Value and performance.

Enterprise mobility is fundamentally about data and its use. How, when, why and where mission critical data is captured, transmitted and processed ultimately determines competitive advantage and business success. When enterprise mobility extends beyond the four walls, Janam's XT85 is uniquely qualified to deliver optimum results. Purpose-built to accommodate the realities of work processes and environments, the XT85 brings best-in-class technologies to the point of activity in a sleek, rugged and highly affordable package. It's technology at work.

The exception.

What makes the XT Series exceptional is that it delivers everything that enterprises require in a rugged outdoor mobile computer without compromise. The XT Series combines a small and lightweight form factor with fully rugged design. It offers flexible wireless WAN technology, a motion-sensing accelerometer and real-time GPS. It is also available with either a QWERTY or Numeric keypad. While most of these elements are table stakes for rugged mobile computers used outside the four walls, the XT85 delivers even more. The XT85 offers 802.11a/b/g/n WLAN communication with enterprise-grade security, a 5.0 megapixel camera, high performance laser scanning or imaging data capture technology, lightning speed processing, full 3.5" brilliant color VGA or QVGA fully transmissive display, advanced power management, Bluetooth, High-Speed USB and IrDA interfaces and a price point that makes the benefits of point-of-activity mobile computing more accessible than ever before.

Janam's XT Series is sealed to IP65 standards, survives multiple 5' drops to concrete and is certified for use in hazardous environments. Designed to support demanding enterprise applications in demanding environments, the XT85 is the right tool for mobile businesses that demand the best.



The right features. The right price.

- » Microsoft Windows Embedded Handheld 6.5
- » High performance barcode scanning (laser or imager)
- » 3G/4G WWAN technology (UMTS/HSDPA/HSUPA/GSM)
- » Fully transmissive brilliant color display
- » QWERTY or numeric keypad
- » Summit IEEE 802.11a/b/g/n
- » High sensitivity GPS
- » CMOS 5.0 megapixel camera
- » Class I, Division 2, Groups A, B, C, D certified
- » Multiple 5'/1.5m drops to concrete
- » Sealed to IP65 standards
- » User-accessible microSD card slot
- » 2.5mm headset jack with secure lock receptacle
- » Full system of accessories

XT Series specifications



TECHNICAL

Operating System	Microsoft Windows Embedded Handheld 6.5
Processor	Marvell PXA310 @ 806MHz
Memory	512MB or optional 1GB NAND Flash ROM, 256MB DDR SDRAM
Expansion	User-accessible microSD card slot with SD and SDHC support
Power	Swappable 3.7V 2400mAh or 3600mAh rechargeable Li-ion battery

PHYSICAL

Dimensions	1.18" H x 3.0" W x 5.8" L / 30.2mm H x 77mm W x 146.7mm L
Weight	12.1oz / 344g with battery
Keypad	Backlit numeric or QWERTY
Display	3.5" Color TFT QVGA (240x320) or VGA (480x640); fully transmissive; automatic backlight adjusting light sensor
Touch Panel	Analog resistance type; stylus input

ENVIRONMENTAL

Operating Temperature	14° to 122°F / -10° to 50°C
Storage Temperature	-13° to 158°F / -25° to 70°C
Humidity	5% to 90% RH (no condensation)
Drop	Multiple 5ft / 1.5m drops to concrete on all sides across a wide temperature range
Water & Dust	IP65
Vibration	0.03 G ² /Hz from 20Hz to 2kHz; 1 hour random wave per axis
Electro Static Discharge (ESD)	+/- 15kVDC air; +/- 8kVDC contact
Sterilization	76.9% to 81.4% concentration alcohol rub
Ambient Light	450ft-candelas (artificial light); 8,000ft-candelas (sunlight)

INTERFACE FEATURES

Audio	Full duplex, non-directional, push-to-talk microphone; 2.5mm headset jack with secure lock receptacle; mono speaker
Alerts	Vibration; LED indicators; audio beep
Connectors	Industrial communications port (serial, RS232, Hi-Speed USB v2.0 and DC-IN); micro USB
LED Indicators	Tri-color
External Buttons	Left, right, center scan triggers; dedicated push-to-talk button; volume up/down button

DATA CAPTURE

Imager	1D/2D Adaptus® Imaging Technology; 752 x 480 pixel CMOS area imager
Laser	Motorola SE965HP; CDRH Class II/EC Class 2; 104 (+/- 12) scan/sec (bidirectional)

WIRELESS COMMUNICATION

WWAN	UMTS/HSDPA/HSUPA/GSM; 3G/4G HSPA+ technology; 4G when used on AT&T network
WLAN	Summit IEEE 802.11a/b/g/n; Cisco CCX certified
Security	WEP, WPA, WPA2, TKIP, AES, EAP-FAST, EAP-TLS, PEAP-GTC, PEAP-MSCHAPv2, PEAP-TLS, LEAP
WPAN	Bluetooth v2.1+EDR

MOBILE APPURTENANCES

Motion Sensor	Accelerometer
GPS	High sensitivity GPS with anti-jamming technology
Camera	5.0 megapixel CMOS color; user-controllable LED flash; autofocus
IrDA	Data v1.4

ACCESSORIES

Single-Slot Cradle Kits (USB; Ethernet)	Magnetic Stripe Reader	Operating Case
Four-Slot Cradle Kits (Ethernet; Charge-only)	RFID Reader	Belt-mount Holster
Four-Slot Battery Charger	Vehicle Cradle	Syncing/Charging Cables
Extended Capacity Battery	Vehicle Charge Adapter	Stylus Tether

SAFETY/REGULATORY

Safety	CSA: CAN/CSA-C22.2 No. 60950-1-07, LVD: EN60950-1:2006+A11:2009+A1:2010+A12:2011, GPS: U-blox AMY-6M
EMI	FCC Part 15 Subpart B, EN55022:1998+A1: 2000+A2:2003, EN55024:1998+A1:2000+A2:2003, ICES-003: 2004 Issue 4(2004-02), AS/NZS CISPR: 2009+2010
RF	FCC Part 15 Subpart C and Subpart B, EN300 328 v1.7.1: 2006, EN301 489-1: v1.9.2 (2011-09), EN301 489-17 v2.2.1 (2012-09), RSS 210 Issue 6, FCC Part 22:2011/24:2011, FCC Part 15E:2011/15C:2011/15B:2011, RSS-210: 2010 ISSUE 8 (2010-12), AS/NZS 4268:2012, EN301 511: v9.0.2: 2003, EN301 908-1: v5.2.1 (2011-05), EN301 893: v1.6.1 (2011-11), EN301 489-7: v1.3.1 (2005-11), EN301 489-24: v1.5.1: 2010
Hazardous Locations	UL Listing (US and Canada) Class I Div 2, Groups A, B, C, D