

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