

XT1 Specifications



TECHNICAL

Operating System	Android™ 4.2.2
Processor	Dual-core ARM Cortex-A9 CPU @1.5GHz
Memory	1GB/16GB
Expansion	User-accessible microSD card slot with SD and SDHC support
Power	3000mAh rechargeable Li-ion battery

PHYSICAL

Dimensions	7.8" L x 3.9" W x .5" D / 200.5mm L x 99.3mm W x 14.7mm D
Weight	13oz / 370g including battery
Display	5.9" TFT WVGA (800x480)
Touch Panel	Capacitive touch screen

ENVIRONMENTAL

Operating Temperature	14° to 122°F / -10° to 50° C
Storage Temperature	-4° to 140°F / -20° to 60° C
Humidity	0% to 90% RH (no condensation)
Drop	Multiple 3ft / 1m drops to concrete on all sides across a wide temperature range
Water & Dust	IP54
Vibration	2.13 Grms from 5Hz to 200Hz in all three axes; 20 minutes per axis
Electro Static Discharge (ESD)	+/- 8kV air; +/- 4kV contact
Sterilization	75% concentration alcohol rub

INTERFACE FEATURES

Audio	3.5mm headset jack; mono speaker; mono microphone; micro HD output (out)
Alerts	Vibration; LED indicators; audio beep
Connectors	mini USB
LED Indicators	Tri-color
External Buttons	Power button; volume/programmable buttons

DATA CAPTURE

Imager	Honeywell N5600 with 2D Adaptus® Imaging Technology; 844 x 640 pixel CMOS area imager
RFID/NFC	Reads FeliCa, ISO14443 Type A, ISO14443 Type B, ISO15693 RFID tags in the 13.56 MHz range and all NFC card types

WIRELESS COMMUNICATION

WWAN	UMTS/HSDPA/HSUPA/GSM
WLAN	802.11a/b/g/n/d/e/h/i/k/r PICS Compliant
Security	IEEE 802.1x, WEP, WPA/WPA2 (TKIP); WPA2 (PSK, AES); EAP-TTLS; EAP-TLS; PEAPv0-MSCHAPv2; LEAP
WPAN	Bluetooth v4.0 (BLE)

MOBILE APPURTENANCES

Motion Sensor	G-Sensor Accelerometer
GPS	U-Blox GPS and Assisted GPS
Camera	5.0MP CMOS color rear-facing autofocus camera with user-controllable LED flash and 1.2MP front-facing camera

ACCESSORIES

	Single-slot cradle kit (Charging; LAN; USB)
	Six-slot cradle kit (Charging; LAN; USB)
	Syncing/charging cable
	Charging adapter

SAFETY/REGULATORY

Safety	IEC60950-1/A1:2009
EMI	FCC Part 15B; EN55022; EN55024; EN61000-3-2; EN61000-3-3
RF	FCC Part 15B and 15C; EN301 489-1; EN301 489-3; EN 301 489-7; EN301 489-17; EN 301 489-24; EN300 328; EN301 893; EN300 440; EN301 908-1; EN301 908-2; EN301 511; EN302 291-1; EN302 291-2; EN50566; EN62209-2; EN62479; EN50332
Hazardous Locations	UL Listing (US and Canada) Class I Div 2, Groups A, B, C, D