



## Features

- Microsoft Windows CE 6.0 R3 operation platform
- 3.5" QVGA TFT-LCD (240 x 320); sunlight readable; resistive-type touch panel
- Data input by 28 numeric push keys; simplified Chinese syllable input exclusive keys for easier utilization
- Wireless radio
  - ◆ WLAN: IEEE 802.11 b/g/n
  - ◆ WPAN: Bluetooth V2.1 + EDR Class II
  - ◆ WWAN: GSM / GPRS Module
- Integrated GPS
- Data capture
  - ◆ ID laser engine / 2D imager
  - ◆ HF RFID (13.56MHz) data capture: ISO15693, ISO14443A
- 0.3M pixel camera on front; 5M pixel camera on rear, auto focus, adjustable flash
- Rechargeable 3000mAh (or 3900mAh - optional) Li-ion battery
- 1.5m drop and IP65 sealing
- Mini-PCIe for WCDMA/HSUPA module (optional)



## Physical Characteristics

Dimensions (L x W x T)	162 x 80 x 30.5(mm) / 6.3 x 3.1 x 1.2(inch)
Weight	Less than 380g (standard battery included)
Display	3.5" QVGA TFT-LCD, resistive-type touch panel Resolution: 240 x 320; sunlight readable
Keypad	28 numeric + 4 side keys
Main Battery	Rechargeable 3000mAh Li-ion battery (optional 3900mAh available)
Expansion Slot	microSD, supporting microSDHC up to 32G
SIM Slot	One SIM card slot
Camera	0.3M pixel camera on front; 5M pixel camera on rear, auto focus, adjustable flash
GPS	Integrated GPS
Audio	Speaker, microphone, 3.5mm headphone slot, bluetooth headphone
Indication	Vibration reminding and LED display

## Performance Characteristics

CPU	Marvel PXA310 @ 806 MHz
OS	Windows CE 6.0 Professional R3
Memory	512 MB NAND Flash Memory / 512 MB DDR RAM
Operating Interface	USB1.1 Host, USB 2.0 Client

## Data Capture

ID / 2D	ID laser engine / 2D imager
RFID	HF RFID (13.56MHz) data capture: ISO15693, ISO14443A

## Wireless

WLAN	IEEE 802.11 b/g/n
WPAN	Bluetooth V2.1 + EDR Class II
WWAN	GSM / GPRS Module

## Working Environment

Operating Temperature	-10°C ~ 50°C / 14°F ~ 122°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Charging Temperature	0°C ~ 40°C / 32°F ~ 104°F
Humidity	5% to 95% (no condensation)
Drop Spec	1.5m drop onto metal
Sealing Spec	IP65
Electrostatic	±12KV (air discharge) / ±8KV (direct discharge)

## Product Illustration



## Ordering Information

Model Name	Description
IMX-9171	Rugged Handheld Device, 1D, GSM, Marvell, WinCE 6.0, BT/WiFi, GPS, 3000mAh
IMX-9172	Rugged Handheld Device, 2D, GSM, Marvell, WinCE 6.0, BT/WiFi, GPS, 3000mAh
IMX-9173	Rugged Handheld Device, 1D, RFID, Marvell, WinCE 6.0, BT/WiFi, GPS, 3000mAh
IMX-1000	Charging Cradle