



# AT880 (Si203)

Library, Logistics, Military, Warehouse, Hospital, and etc.

## Series Highlights:

- Windows CE 5.0 / Windows Embedded handheld 6.5
- Marvell™ PXA 320 806Mhz
- Memory RAM 256MB / ROM 256MB(Max. 512MB Option)
- RFID UHF 900MHZ GEN2, ISO/IEC 18000-6C, 18000-6B(Optional)
- HF 13.56Mhz ISO15693, MIFARE, ISO14443 A / B
- 1D Laser and 2D Imager Barcode Scanner
- Wireless LAN 802.11 b / g / a
- Modem 2G(GSM/GPRS/CDMA) / 3G(HSPA+, WCDMA)
- Bluetooth Class II , v2.1 + EDR
- 1.3 Mega Pixel Fixed Focus with Flash I GPS
- SAM Slot

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# AT880

Library, Logistics, Military, Warehouse, Hospital, and etc.



FRONT



BACK



HF BARCODE READER



UHF GUN READER

## ACCESSORIES



Adaptor  
AC Cable

Protection  
Film

Handstrap

Cradle

GUN Handle

USB Cable

## SPECIFICATION

### Performance Characteristics

Processor	Marvell™ PXA320 806MHz
Operating System	Windows CE 5.0 / Windows Embedded handheld 6.5
Memory	RAM 256MB / ROM 256MB (Max.512MB Option)
Display	3.5" QVGA with Backlight, TFT LCD 240×320 Pixel, 262, 144 Color (VGA 480x640pixel Option)
Weight	280g (PDA only, without battery)
Operating Temp.	-20℃ to 60℃
Storage Temp.	-30℃ to 70℃
Humidity	95% non-condensing
Drop Spec.	1.5M Drop to concrete
Dust & Water Proof	IP65

### Physical Characteristics

Audio	Phone Receiver, Stereo Speaker, Ear Jack, Microphone
Standard I/O Port	USB 1.1 Client / USB Host & Serial (RS-232) via gender cable or Cradle
Expansion Slot	1 Micro SD Slot (SDHC) , 1 SIM Slot, 1 SAM Slot
Notification	Vibrator, LED, Speaker
Dimensions	158mm(L) x 78mm(W) x 28mm(H)

### Battery Supply

Main Battery	Lithium-Ion Polymer 3.7V 3,300mAh (Rechargeable) Up to 4,400mAh(Option)
Backup Battery	Lithium-Ion Polymer 3.7V 80mAh (Rechargeable)
Power Adapter	Input AC100V ~ 240V / Output DC5V 3A

### Network Characteristics

WLAN	IEEE 802.11 a/b/g Compliant (Cisco Compatible Extensions Wi-Fi Alliance)
Bluetooth	Class II v2.1+EDR
Radio	GSM / GPRS / EVDO / CDMA / WDMA / UMTS / HSDPA / HSPA+
GPS	Internal Antenna

### Data Capture Device

Barcode Engine	1D Laser or 2D Imager Scanner
Camera	3Mega Pixel Fixed Focus with Flash

### UHF 900 Mhz Reader

Frequency	860Mhz ~ 960Mhz
Reading range	0M ~ 7M (According to Tag & Environment)
Writing range	0M ~ 3M (According to Tag & Environment)
RF output	1W EIRP
Protocol	EPC Gen2, ISO / IEC 18000-6C, 18000-6B (Option)
Special function	Anti - Collision

### HF 13.56Mhz Reader

Applied RFID Tag	ISO 15693 Standard , Mifare, ISO 14443 Type A / B
Reading range	Based On Tag : 0 ~ 10Cm

### Gun Handle

PDA or UHF or HF (Gun Handle)	Gun Handle Trigger
Gun Handle Battery	Lithium-ion 3.7V 4,400mAH (Rechargeable)

### Cradle

Standard Interface	USB 1.1 Host / USB Client / DC Power Jack / Extra Battery Charger / Serial(RS232) via gender cable
Ethernet RF45J Interface	RJ-45 Ethernet Interface (Option)



\* All Features and specifications described are subject to change without notice.