

SC800 Series

Compact Size Mobile Computer



SC800/SC820 Main Features

- Marvell® Xscale™ PXA270 520MHz CPU
- Microsoft® Windows® CE .NET 5.0 Operating System
- Open Architecture : User Accessible 1 SD Slot
- Optionally Integrated WiFi + Multi RF + GPRS
- Optionally Integrated 1D or 2D Barcode Scanner
- Optional GPS or RFID expansion module
- Operational Temperature : -10°C ~ 50°C
- Storage Temperature : -20°C ~ 60°C
- IP65 Certificated
- 1.5M (5ft) Drop Resistance



SC800/SC820 Specifications

SC800 Series
Compact Size Mobile Computer

Processor

- Marvell® PXA270 520MHz, 32 bits RISC CPU

Memory

- 1 GB Flash ROM
- 128 MB SDRAM

Software

- Windows® CE .NET 5.0 Professional
- IE 6.0, Inbox, ActiveSync
- WLAN utility for Security function
- Software update from SD Card

Display

- 3.5" 240 X 320 QVGA Graphic Transflective TFT, 256K Color LCD with LED Backlight
- LCM LED Backlight adjustable
- 4-Wire Resistance Type Touch Panel
- Passive Stylus or Finger Operation

Audio

- One Mono Speaker
- 2.5mm DIA Stereo Earphone Jack with Microphone input
- One internal Microphone

Expansion

- One user accessible SD/MMC Slot for removable memory card up to 16G, FAT/FAT32 Format
- Optional SIM slot for GPRS
- Optional GPS or HF RFID module

LED Indicator

- Power LED 2 color (G/R)
- Barcode Scanner LED 2color (G/R)
- 3 color LED for Alarm, WiFi, Multi RF, GPRS

Barcode Engine

- Support 1D Laser Scanner or 2D Imager Scanner

Keypad and Buttons

SC800 :

- One 12 Numeric Keypad
- Five Control Buttons

SC820 :

- One 26 Alpha/numeric Keypad
- Six Control Buttons

SC800/SC820 :

- One Power Button
- Three Barcode Scanner Buttons
- Four Application Buttons
- Three Navigation Buttons
- One Reset Button
- One Reserve Hot Key

Keypad Backlight Lights

- White LED Lights

Power System

- Standard Li-ion Battery Pack, 3.7V DC, 2200 mAh
- Optional High Capacity Li-ion Battery Pack, 3.7V DC, 4000 mAh
- One Rechargeable Backup Battery
- Power Adapter : 100~240V AC, 50/60Hz Input, 5V DC/2.6A Output

Radio Communications

- Integrated IrDA 1.2 Compliant
- Built-in Multi RF V2.0+EDR with Antenna, Class II Compliant, Range 5-10m
- Optionally Integrated Wireless LAN 802.11b/g
- Optionally GPRS Module
- Possibility of 3 in 1 (WiFi + Multi RF + GPRS)

External Ports

- One DC-IN Jack
- One LIF Connector supports RS232, USB 1.1 Client, USB 1.1 Host, DC-IN and DC5V/100mA output
- LIF Connector supports Cables & Cradle

Environmental & Rugged

- Operation : -10°C ~ 50°C
- Charging : 0°C ~ 40°C
- Storage : -20°C ~ 60°C
- Humidity Storage : 5 % ~ 95% (Non Condensing)
- IP65 Certificated
- 1.5M (5ft) Drop Resistance

Dimensions and Weight

- Dimensions : 155 x 82 x 31.2 mm
- Weight : 380g (with Standard Battery Pack)

Regulatory Compliance

- Safety : UL/cUL, LVD, CB
- EMC : CE, FCC
- RoHS (DoC)
- WEEE (DoC)

Standard Package (Enclosed Items)

- SC800 / SC820 Main Unit
- Standard Battery Pack (3.7V DC, 2200 mAh)
- Standard AC Adapter 5V DC/2.6A
- AC Power Cord
- Earphone / Microphone Set
- USB Client Cable for Terminal
- Hand Strap
- Stylus
- Quick Guide

Accessories (Sold Separately)

- RS232 Serial Cable for Terminal
- USB Host Cable for Terminal
- High-Capacity Li-ion Battery Pack (3.7V DC, 4000 mAh)
- 4 Slot Battery Charger
- Car Adapter
- Holster
- RFID Expansion Module
- GPS Expansion Module
- Standard Battery Cover
- High-Cap Battery Cover

Single Dock



- > Second Battery Charger
- > PC Communication
- > USB Host and USB Client
- > RS232 Connector

4 Way Charger



- > For PDT Charging & Second Battery Charging completed in 3 hrs (Standard Battery)

Battery Packs



- > Standard : Li-ion Battery Pack 3.7V/2200 mAh
- > Option : High Capacity Li-ion Battery Pack 3.7V/4000 mAh

4-Slot Battery Charger



- > Charger up to 4 Batteries in 5 hrs
- > LED Lights showing Charging status

GPS/RFID



- > GPS : SiRF star III high performance GPS Chip set. Externally fast TTFF (Time to First Fix) at low signal level
- Build-in active antenna
- > RFID : RFID Standard ISO 15693 full function and ISO 14443A/B 13.56MHz operating frequency

Holster



- > Shoulder Strap
- > Battery Holder (attach on Shoulder Strap)
- > Waist Band

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