SoMo® 650Rx Handheld Computer
with Antimicrobial Protection

Designed Specifically for Healthcare Applications

The SoMo 650Rx is a hospital-grade handheld computer made with antimicrobial materials that provide an extra layer of protection against the multiplication and spread of potentially harmful bacteria and microbes.

Featuring a durable, lightweight, ergonomic design and robust wireless network capability, the SoMo 650Rx brings reliable automated patient data management directly to the point of care, enabling clinicians to automate healthcare applications while also optimizing patient safety across different healthcare environments.

Powered by a high-speed CPU, the SoMo 650Rx provides extremely fast application response for demanding healthcare applications. It can also be optionally configured to read barcode and RFID data, making it a complete mobile computing, data capture and wireless networking solution. Its clear, bright display provides optimal viewing in a variety of lighting conditions, while its Li-ion extended battery enables multiple-shift operation on a single charge.

BENEFITS

- Capture patient vitals, view lab reports and write up reports at the point of care

- Identify high-risk patients who need the most care, more quickly

- Reduce costly paper-based errors that can result in liability

- Spend more time with patients and more time providing high-quality patient care

KEY FEATURES

- Windows Mobile® 6 operating system

- Durable, lightweight, ergonomic handheld design

- Fast roaming Wi-Fi® 802.11b/g switches seamlessly between access points

- *Bluetooth*® 2.0 + EDR Class 2 wireless connectivity

- Optionally configurable to read barcode, RFID, magnetic stripe or smart card data

- Deployment ready system, designed to run out of the box

Portable Computing
Product of the Year
Award 2008

APPLICATIONS
- Patient tracking

- Viewing lab reports

- Bedside POC (Point of Care)

- Pharma tracking

- Biological product tracking

ADDITIONAL FEATURES
- Cisco CCX 4.0 certified for compatibility with Cisco WLAN infrastructure and support for advanced data security and performance*

- Extended battery provides long run times for rigorous clinical applications

- Large standard memory configuration with 128 MB SDRAM, 1 GB or 256 MB NAND FLASH to support robust applications

- Reinforced CompactFlash and SDIO slots for long product life and protection of peripheral devices

- Hard capped buttons for ease of use and long life

- Side mounted software programmable action buttons for better user control

- Control hold switch to prevent accidental button input with configuration software

- Recessed power switch to extend battery life and prevent accidental power-on/off

- Complete line of accessories to fit many application requirements

- SoMo File Store provides non-volatile storage for device ROM image and applications/configurations that survives a hard reset

Requires Socket Enhanced Wi-Fi® Companion™ software, optional to install.

Long Available Life

For healthcare organizations, short product availability and lifespan can be key challenges to implementations. The SoMo 650Rx has a product life far longer than typical consumer PDAs, giving organizations ample time to qualify, deploy, and get a return on investment. Also, when users are ready to upgrade, Socket provides realistic thoughtful migration options to assure a smooth transition.

Flexibility over Time

The SoMo 650Rx is easy to customize with a wide range of barcode, RFID, magnetic stripe, and smart card readers, as well as communications peripherals for Ethernet, modem or WWAN broadband connections. Software drivers and utilities are pre-loaded on the SoMo 650Rx, so you can deploy out of the box with your favorite Socket peripheral. The device's rich *Bluetooth* implementation enables you to connect to Socket hand-held and hands-free barcode scanning solutions along with printers, medical devices or other readily available 3rd party *Bluetooth* peripherals.

Best-in-Class Wireless

The SoMo 650Rx incorporates best-in-class *Bluetooth* and Wi-Fi technology, with one of the most complete libraries of *Bluetooth* profiles in the market, ensuring compatibility with the broadest range of 3rd party *Bluetooth* based peripherals, as well as the latest 802.11b/g Wi-Fi technology to provide robust coverage, fast roaming, and superior network security. With Socket Enhanced Wi-Fi Companion software (optional to install), the device is also Cisco CCX 4.0 certified for use with Cisco WLAN infrastructure. The SoMo 650Rx Back Pack (sold separately) enables you to add a Novatel Wireless ExpressCard modem card for wireless broadband.

SocketCare™ Enhanced Service Program

Experience maximum performance while lowering Total Cost of Ownership (TCO) with SocketCare, which features high quality support from Socket specialists, accelerated repair and replacement, and fast and reliable product service at competitive costs. For more information, visit: www.socketmobile.com/support/socketcare/

Product	Package Contents
SoMo 650Rx-E	- SoMo 650Rx - Wall Charger - USB Sync /Charging Cable - Extended Battery - Full Size Stylus - Quick Start Guide - Getting Started CD with Software and User's Guide
SoMo 650Rx-M	Same as above plus: - Desktop Docking Cradle - Carrying Case - 2.5 to 3.5 mm Headset Adapter - Audio Headset with Microphone

Languages Available
- Worldwide English - Chinese - Dutch - Finnish - French - German - Italian - Japanese - Norwegian - Portuguese (Brazilian) - Portuguese (Iberian) - Spanish - Swedish

socket.

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SoMo® 650Rx Handheld Computer
With Antimicrobial Protection

PHYSICAL

Dimensions	5.00 x 2.94 x 0.98 inches (127 x 74.60 x 25 mm)
Total Mass	7.20 oz (204 g) with extended battery and stylus
Antimicrobial Rating (JIS Z2801:2000 Test)	2.49 on Methicillin-resistant Staphylococcus aureus (MRSA) 6.07 when cleaned with Sani-Cloth® Plus disposable cloth wipes
Antimicrobial Additive	Ishizuka Glass, Ionpur IPL EPA# 73148-3, FDA# FCN000432, EFSA registered in EU
Display	65K colors TFT LCD, 3.5" 16 bit per pixel, 240 (w) x 320 (l) resolution
Touch Panel	Glass analog resistive touch
Backlight	White LED backlight
Extended Battery	3.7V 2600 mAh Lithium Ion rechargable
Backup Battery	Super Capacitor to support Realtime Clock
Expansion Slots	CompactFlash and SDIO Slots: Reinforced to prevent damage from drop events
LED Indicators	Red/Green LED for alarm, battery charging Blue/Green LED for *Bluetooth* and Wireless LAN
Buttons	4 front panel programmable soft buttons 5 navigation buttons 2 side programmable action buttons Device reset button Control hold switch Power on/off button
Input Devices	Stylus (Note: touch sensitive display for stylus or fingertip)
Connectors	Barrel connector power jack 26 pin docking connector for ActiveSync USB 1.1 host & USB 2.0 Client 2.5mm headset jack with support for voice & stereo music
Audio	Built-in Microphone and Speaker, voice recording capability with Notes application

PRE-LOADED SOFTWARE

Microsoft Software	Office Mobile: Word Mobile, Excel Mobile, PowerPoint Mobile, OneNote Mobile Web/Communications: Office Outlook Mobile, Internet Explorer, MSN Messenger Client Synchronization/Remote Access: ActiveSync Client, Remote Desktop Mobile Media: Windows Media Player Mobile Other: Programmable Home Screen, .NET Compact Framework v2.0, Calculator, Tasks, Notes
Socket Software*	Data Capture: SocketScan™ for Socket barcode / RFID / magnetic stripe readers and UIC683 smart card reader Wireless Broadband: SoMo 650 Back Pack Utilities WLAN / *Bluetooth*: Connect!Agent™, Enhanced Wi-Fi® Companion™ Power Management: Power Plus Battery Friendly® Utility, Hold Switch Utility, CPU Performance Utility Cabled Communications: Modem Utilities, Ethernet Utilities
SocketSerial Software	Serial I/O Card drivers, USB-to-Serial Adapter drivers, USB Ethernet Gigabit Adapter drivers
Sprite Mobile Software	Sprite Backup (trial version)

PERFORMANCE

Processor	Intel PXA270 @ 624 MHz
Operating System	Windows Mobile® 6 Classic
Languages Available	Worldwide English, Chinese, Finnish, French, German, Italian, Japanese, Norwegian, Portuguese (Brazilian), Portuguese (Iberian), Spanish, Swedish (Languages available via ROM upgrade, free to registered users)
Memory	128 MB SDRAM, 1 GB or 256 MB NAND FLASH
SoMo File Store	Non-volatile memory for device applications/configurations can survive hard reset of device Features Auto-Run support, ideal for provisioning deployments

*Wi-Fi Companion is pre-installed. Enhanced Wi-Fi Companion is pre-loaded but optional to install.

ENVIRONMENT		
Operating Temperature	0° to 50° C (32° to 120° F)	
Storage Temperature	-25° to 75° C (-13° to 167° F)	
Humidity	95% non-condensing	
Drop Specification	Multiple 1 m (3.3 ft) drops to concrete covered with vinyl (1.3 m (4.3 ft) with optional DuraCase)	
ESD Specification	+/- 8kV air discharge, +/- 8kV direct discharge	

WIRELESS		
Wireless Local Area Network	IEEE® 802.11 b/g Data Rate: 1/2/5.5/6/9/11/12/18/24/36/48/54 Mbps Frequency Range: Country dependent (chan 1- 14); 2.412 to 2.484 GHz Output Power: 14.5 dBm (OFDM); 16 dBm (CCK) Antenna: Internal	
Bluetooth	v2.0 + EDR Class 2 Supported Profiles: - GAP: Generic Access Profile - SDP: Service Discovery Profile - A2DP - Advanced Audio Profile - AVCTP - Audio/Video Control Transport Protocol - AVRCP - Audio/Video Remote Control Profile - GAVDP - Generic Audio/Video Distribution Profile	- DUN - Dial-up Networking Profile - AVDTP - Audio/Video Distribution Transport Protocol - HSP: Headset Profile - HID - Human Interface Device (Host role) - OPP - Object Push Profile (Client and Server) - SPP - Serial Port Profile

LEGAL		
Warranty	Handheld Computer: One year standard warranty SocketCare enhanced service program available separately	Accessories (battery, cable, etc.): 90 day warranty
Certification/ Compliance	FCC: Part 15, Class B Industry Canada RoHS and WEEE compliant EMI / RFI *Bluetooth* Certification (BQB test) Microsoft Windows Mobile 5.0/6.1 Logo Test Certification EU/International: EN301 489-1, -17 EN61000-4-2: 1995, ESD ± 8kV air/±4kV contact TELEC	EN61000-4-3: 1997, radiated Immunity 3V/m EN61000-4-4: 1995, EFT ± 0.55kV EN61000-4-5: 1995, Surge ± 0.5kV EN61000-4-6: 1 CE: EN Electrical Safety EN60950, UL, CSA Wi-Fi Alliance Certification USB IF Test Cisco CCX 4.0 (requires Enhanced Wi-Fi Companion)

OPTIONAL ACCESSORIES	
Data Capture	Barcode / RFID / magnetic stripe / smart card readers (SD / CF card or *Bluetooth* wireless)
Wireless Broadband	SoMo 650Rx Back Pack wireless broadband ExpressCard adapter (Novatel Wireless modem not included)
Charging / Synchronization	Batteries: EMobile Power Pack portable battery pack Cradles: Cradle kit, Multi-bay charger (charges 4 devices and 4 batteries) Cables: Car charger, Master USB with DC jack, USB sync cable, USB Y cable
Protection	DuraCase protective case, Screen protector kit, FlexGuard silicone cover, Belt carrying case
Input	Tethered stylus, Medical-grade and silicone keyboards

For a full list of Socket peripherals and accessories, visit: http://ww1.socketmobile.com/products/handheld-computers/accessories-hc.aspx
To learn about accessories from STAR partners, visit: http://ww1.socketmobile.com/products/star.aspx

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SoMo 650Rx-M	Same as above plus: - Desktop Docking Cradle: Simultaneous charge for docked unit and spare battery, includes USB 1.1 Host and USB 2.0 Client ports, powered from wall charger or USB synch/power cable - Carrying Case - 2.5 to 3.5 mm audio headset adapter - Audio headset with microphone

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