



mobile

SoMo® 650Rx Handheld Computer

With Antimicrobial Protection

Specification Sheet

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 rechargeable		
	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 2 side programmable action buttons Control hold switch	5 navigation buttons Device reset button Power on/off button	
	Input Devices	Stylus (Note: touch sensitive display for stylus or fingertip)		
Connectors	Barrel connector power jack USB 1.1 host & USB 2.0 Client	26 pin docking connector for ActiveSync 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)	
	SOTI Software	MobiScan Agent	

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. For devices running Windows Mobile 6 Service Pack 8 or later, Connect!Agent is pre-loaded and optional to install.

ENVIRONMENT	Temperature	Operating: 0° to 50° C (32° to 120° F) Storage: -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 With optional DuraCase protective case: Multiple 1.3 m (4.3 ft) drops to vinyl-covered concrete
	ESD Specification	+/- 8kV air discharge, +/- 8kV direct discharge

WIRELESS	Wireless Local Area Network (Wi-Fi)	IEEE® 802.11 b/g WLAN, Cisco CCX 4.0 certified* 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 <i>*Requires Enhanced Wi-Fi Companion software (included)</i>
	Bluetooth	v2.0 + EDR Class 2 with support for the following profiles: <ul style="list-style-type: none"> - GAVDP - Generic Audio/Video Distribution Profile - GAP: Generic Access Profile - SDP: Service Discovery Profile - A2DP - Advanced Audio Profile - AVCTP - Audio/Video Control Transport Protocol - AVRCP - Audio/Video Remote Control 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 Accessories (battery, cable, etc.): 90 day warranty
	Extended Warranty	SocketCare service program sold separately. SocketCare Plus 2 Year SKU# SC1800-1345
	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)

PACKAGE CONTENTS	SoMo 650Rx-E	SoMo 650Rx handheld computer with full size stylus Wall charger: AC/DC adapter, Input 100~240 V AC USB sync/power cable Getting Started CD with software and User's Guide
	SoMo 650Rx-M	Same as SoMo 650Rx-E plus: Desktop cradle: Simultaneously charges docked unit and spare battery, includes USB 1.1 Host and USB 2.0 Client ports, powered from wall charger or USB sync/power cable Carrying case Audio headset with microphone, 2.5mm to 3.5mm audio headset adapter

OPTIONAL	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 / Sync	Cradle kit, Multi-bay charger, 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



Sales Offices

Corporate Headquarters:

39700 Eureka Drive
Newark, CA 94560 USA

Web: socketmobile.com

Phone: +1-510-933-3000

USA & Canada Toll Free: 800-552-3300

Fax: +1-510-933-3030

Online: socketmobile.com/contact

© 2008-2011 Socket Mobile, Inc. Socket, the Socket logo, SoMo, Enhanced Wi-Fi Companion, SocketScan, Connect!Agent, Windows is a registered trademark of the Microsoft group of companies. The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Socket Mobile, Inc. is under license. Wi-Fi is a registered trademark of the Wi-Fi Alliance. All other brand and product names are trademarks of their respective holders. 6450-00188 L 10/2011