

SoMo® 650DX Handheld Computer

Radio-Free Configuration

Specification Sheet

PHYSICAL

Dimensions	5.00 x 2.94 x 0.81 inches (127 x 74.60 x 20.6 mm)	
Total Mass	6.25 oz (177 g) with battery and stylus	
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	
Battery Type	3.7V Lithium Ion rechargeable, available with Standard (1200 mAh) or Extended (2600 mAh)	
Backup Battery	Super Capacitor to support Realtime Clock	
Expansion Slots	CompactFlash (CF) and Secure Digital I/O (SDIO) slots: reinforced to prevent damage when dropped	
LED Indicators	Red/Green LED for alarm, battery charging	
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 and stereo music
Audio	Built-in Microphone and Speaker, voice recording capability with Notes application	

PRE-LOADED SOFTWARE

Microsoft Software	Office Mobile (optional): Word Mobile, Excel Mobile, PowerPoint Mobile, OneNote Mobile Web/Communications: Office Outlook Mobile, Internet Explorer Mobile, MSN Messenger Client Synchronization: ActiveSync Client Media: Windows Media Player Mobile Programmable Home Screen .NET Compact Framework v2.0 Calculator, Notes, Tasks
Socket Software	Data Capture: SocketScan™ keyboard wedge for Socket barcode / RFID / magnetic stripe readers and UIC683 contactless smart card reader Wireless Broadband: SoMo 650 Back Pack Utilities Power Management: Power Plus Battery Friendly® Utility, Hold Switch Utility, CPU Performance Utility Cabled Communications: Modem Utilities, Ethernet Utilities
SocketSerial Software	Serial I/O 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, Dutch, 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

ENVIRONMENTAL	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 protective case)
	ESD Specification	+/- 8kV air discharge, +/- 8kV direct discharge

LEGAL	Warranty	Handheld computer: One year standard warranty Accessories (battery, cable, case, charger, etc.): 90 days	
	Extended Warranty	SocketCare™ service program sold separately. SocketCare Plus 2 Year SKU# SC1800-1345	
	Certification/ Compliance	FCC: Part 15, Class B RoHS and WEEE compliant Electrical Safety EN60950, UL, CSA NOM TELEC	Industry Canada EMI / RFI USB IF Test COFETEL Microsoft Windows Mobile 5.0, 6.1 Logo Test Certified

PACKAGE CONTENTS	SoMo 650DX 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
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OPTIONAL ACCESSORIES	Data Capture	Barcode / RFID / magnetic stripe / smart card readers (SD / CF card)
	Wireless Broadband	SoMo 650 Back Pack wireless broadband ExpressCard adapter (Novatel wireless modem not included)
	Wireless LAN	Go Wi-Fi! SDIO 802.11a/b/g WLAN card
	Charging/ Synchronization	Batteries: Mobile Power Pack (not available in Europe) 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, Waterproof covers
	Portability	Hand/Wrist Strap, Belt Clip, Lanyard
	Input	Tethered Stylus, Keyboards
For a full list of Socket peripherals and accessories, visit: http://ww1.socketmobile.com/products/handheld-computers/accessories-hc.aspx Additional accessories from our STAR partners are available at: http://ww1.socketmobile.com/products/star.aspx		

UPGRADE DVD	
Upgrades from Windows Mobile 5.0 to Windows Mobile 6 Includes: - Socket Power Plus Battery Friendly® Utility - Socket Enhanced Wi-Fi® Companion™ wireless management utility Supported Languages: Chinese, Dutch, English, Finnish, French, Italian, Japanese, German, Spanish, Swedish, Portuguese (Brazilian), Portuguese (Iberian)	SKU# SW1241-893

* Upgrade for any supported language available free to registered users of devices running Windows Mobile 6



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