

SoMo™ 650 Handheld Computer

Specification Sheet

PHYSICAL SPECIFICATIONS

Size	5.00 x 2.94 x 0.81 inches (127 x 74.60 x 20.6 mm)
Weight	6.3 oz (178.60 g) with standard 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
Main Battery	3.7v 1200 mAh Lithium Ion rechargeable
Extended Capacity 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 <i>Bluetooth</i> 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 both voice and stereo music
Audio	Built-in Microphone and Speaker

PRE-LOADED SOFTWARE

Programmable Home Screen	IE Mobile	Socket Mobile SocketScan
Calculator	Outlook Mobile	Socket Mobile Connect!Agent
MSN Messenger Client	.NET Compact Framework v2.0	Socket Mobile Modem Utilities
Word Mobile	Windows Media Player 10.2 Mobile	Socket Mobile Ethernet Utilities
Excel Mobile	ActiveSync Client	Socket Mobile Serial I/O Utilities
PowerPoint Mobile	Socket Mobile Wi-Fi Companion	

PERFORMANCE SPECIFICATIONS

Processor	Intel PXA270 @ 624 MHz
Operating System	Microsoft® Windows Mobile® 5.0 Premium Edition
Memory	128MB SDRAM, 256MB NAND FLASH

SoMo 650 Handheld Computer

ENVIRONMENTAL SPECIFICATIONS

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 meter drops to concrete covered with vinyl
ESD Specification	+/- 8kV air discharge, +/- 8kV direct discharge

WIRELESS COMMUNICATIONS

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 - DUN - Dial-up Networking Profile - GAVDP - Generic Audio/Video Distribution Profile - AVDTP - Audio/Video Distribution Transport Protocol - HP: Headset Profile - HID - Human Interface Device (Host role) - OPP - Object Push Profile (Client and Server) - SPP - Serial Port Profile

WARRANTY, REGULATORY COMPLIANCE

Warranty	One year standard warranty; SocketCare enhanced service program is also available for purchase	
Certification/ Compliance	FCC: Part 15, Class B Industry Canada RoHS and WEEE compliant EMI / RFI Bluetooth Certification (BQB test) Microsoft Windows Mobile 5.0 Logo Test Certification EU/International: EN301 489-1, -17 EN61000-4-2: 1995, ESD ± 8kV air/±4kV contact	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

SKU NUMBERS

SoMo 650-M	Single, US	HC0650-738
	10 pack, US	HC0651-749
	Single, EMEA	HC0652-769
	10 pack, EMEA	HC0653-770
SoMo 650-E	Single, US	HC0654-771
	10 pack, US	HC0655-772
	20 pack, US	HC0656-773
	Single, EMEA	HC0657-774
	10 pack, EMEA	HC0658-775
	20 pack, EMEA	HC0659-776



mobile

SoMo 650 Handheld Computer

SKU CONTENTS

SoMo 650-M

SoMo handheld computer
Wall charger: AC/DC adapter, Input 100~240 V AC
Desktop cradle: Simultaneous charge for docked unit and spare battery
-USB 1.1 Host and USB 2.0 Client ports enable the cradle to act as a USB hub
-Powered from wall charger
USB ActiveSync cable
Full Size Stylus
Leather Carrying Case
Companion CD with software and User's Guide
2.5mm to 3.5mm barrel converter
Headset

SoMo 650-E

SoMo handheld computer
Wall charger: AC/DC adapter, Input 100~240 V AC
USB ActiveSync cable
Full Size Stylus
Companion CD with software and User's Guide

OPTIONAL ACCESSORIES

Standard Battery: spare 1200 mAh Li-ion battery
Extended Battery Set: 2600 mAh Li-ion battery and extended battery cover
Cradle Kit: cradle, AC adapter and USB synch cable
Stylus 3-pack

OPTIONAL PERIPHERALS

Socket Mobile SD Scan Card Series 3
Socket Mobile CF Mag Stripe Reader Card Series 4
Socket Mobile CF Scan Card Series 5
Socket Mobile CF RFID Reader Card Series 6
Socket Mobile Cordless Hand Scanner Series 7 with *Bluetooth* Wireless Technology
Socket Mobile Cordless Ring Scanner Series 9 with *Bluetooth* Wireless Technology
Socket Mobile Rugged CF 10/100 Ethernet Card
Socket Mobile CF Serial I/O Card
Socket Mobile CF 56K Modem Card
Socket Mobile SDIO 56K Modem Card
Socket Mobile Cordless 56K Modem with *Bluetooth* Wireless Technology



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