

Socket[®] SoMo[™] 650 Handheld Computer



Specifications Sheet

Physical Characteristics		
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 SD 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 & 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 Calculator MSN Messenger Client Word Mobile Excel Mobile PowerPoint Mobile IE Mobile Outlook Mobile .NET Compact Framework v2.0	Windows Media Player 10.2 Mobile ActiveSync Client v4.x Socket Mobile Wi-Fi Companion Socket Mobile SocketScan Socket Mobile Connect!Agent Socket Mobile Modem Utilities Socket Mobile Ethernet Utilities Socket Mobile Serial I/O Utilities
Performance Characteristics		
Processor	Intel PXA270 @ 624 MHz	
Operating System	Microsoft® Windows Mobile® 5.0 Premium Edition	
Memory	128MB SDRAM, 256MB NAND FLASH	

Socket SoMo 650 Handheld Computer

Environmental Characteristics	
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
<i>Bluetooth</i>	v2.0 + EDR Class 2 Supported Profiles: - GAP: Generic Access Profile - SDP: Service Discovery Profile - GOEP: Generic Object Exchange Profile - SPP: Serial Port Profile - OPP: Object Push Profile -HID: Human Interface Device Profile -DUN: Dial-Up Networking -A2DP: Advanced Audio Profile -HSP: Headset Profile
Included Accessories	
	SoMo 650-M Wall charger: AC/DC adapter, Input 100~240 V AC Desktop cradle: Simultaneous charge for docked unit and spare battery -Two USB 2.0 ports USB hub -Powered from wall charger USB: ActiveSync cable with charge function through USB port Full Size Stylus Leather Carrying Case Companion CD with software and User's Guide Quick Start Guide
	SoMo 650-E Wall charger: AC/DC adapter, Input 100~240 V AC USB: ActiveSync cable with charge function through USB port Full Size Stylus Companion CD with software and User's Guide Quick Start Guide
Optional Accessories	
	In-car charger Extended battery: 2600 mAh Extra stylus: 3 pack Screen protectors 26-pin IO cable Car mount Belt/shoulder case Jell case Scanner cap 26-pin IO cable with USB host and power connector
Optional Peripherals (continued on next page)	
	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 <i>Bluetooth</i> Wireless Technology

Socket SoMo 650 Handheld Computer

Optional Peripherals (continued from previous page)	Socket Mobile Cordless Ring Scanner Series 9 with <i>Bluetooth</i> Wireless Technology Socket Mobile Rugged CF 10/100 Ethernet Card Socket Mobile Serial I/O Card Socket Mobile CF 56K Modem Card Socket Mobile SDIO 56K Modem Card Socket Mobile Cordless 56K Modem with <i>Bluetooth</i> Wireless Technology	
Certifications/Compliance	FCC: Part 15, Class B RoHS and WEEE compliant EMI / RFI <i>Bluetooth</i> 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
Warranty	1 year standard warranty.	
SKUs SoMo 650-M	Single, US HC0650-738 10 pack, US HC0651-749 Single, Europe HC0652-769 10 pack, Europe HC0653-770	
SoMo 650-E	Single, US HC0654-771 10 pack, US HC0655-772 20 pack, US HC0656-773 Single, Europe HC0657-774 10 pack, Europe HC0658-775 20 pack, Europe HC0659-776	



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