

HANDHELD DEVICE

SoMo 655



DURABILITY AND PERFORMANCE FOR ENTERPRISE APPLICATIONS

BUILT FOR BUSINESS

- Patient care
- Hospitality POS
- Sales force automation
- Inventory tracking
- Asset management
- Retail merchandising

Socket Mobile's SoMo 655 family of mobile computers delivers the performance, features and value required by today's businesses. Designed with investment protection and flexibility in mind, the SoMo 655 features the Windows Embedded Handheld 6.5 operating system, an 802.11 b/g/n Wi-Fi radio, enterprise class Bluetooth®, industry leading 4GB memory, a robust connector design and flexible docking station that charges a spare battery and the SoMo 655 with or without Socket Mobile's optional extended protection DuraCase. Designed for business mobility, the SoMo 655 provides an ergonomic design with contoured grip surfaces, is lightweight and small enough to fit into your pocket. Socket Mobile completes the offering with Antimicrobial and non-radio models, a complete set of data capture choices and a full line of accessories to assure that the SoMo 655 fits perfectly into your application environment.

SoMo 655

Ideal for a wide range of applications that require wireless connections

SoMo 655Rx

Best suited for hygiene-sensitive environments such as healthcare or hospitality

Features

- Small form factor for portability and comfort: At only 7.2 oz (204 g) the SoMo 655 is one of the lightest in its class
- Made with antimicrobial plastics to provide an extra layer of protection to the device against the spread of potentially harmful microbes
- Operating System: Windows Embedded Handheld 6.5 (formerly Windows Mobile 6.5 Classic)
- PXA270M processor running at 624 MHz for fast application responsiveness
- Memory: RAM 128M and 4 GB standard Flash memory and user accessible microSD slot for up to 32 GB of additional storage
- High-quality 3.5 inch color touchscreen display for easy viewing and data entry
- WLAN: 802.11 b/g/n Wi-Fi technology for great coverage, fast roaming and robust network security
- Best-in-class wireless management: Socket Mobile's GO WiFi! management software delivers advanced network security and seamless roaming
- Bluetooth version 2.0 + EDR Class 2 for maximum support of 3rd party peripherals
- Versatile data collection options offer flexibility and expandability: Add barcode scanning, Magnetic Stripe Reading, RFID or combo barcode scanning and RFID



- Socket Mobile's SoMo FileStore provides non-volatile storage that survives a hard reset: Restore device ROM image, applications and configuration settings without the need to re-load software.
- SDK available to developers. The SDK provides flexible control via Application Programming Interfaces to optimize hardware features of the SoMo 655 for specific applications.
- Long available life you can count on: Socket Mobile recognizes the need for extended product availability far longer than is common with consumer products companies. When it is time to upgrade, Socket Mobile provides realistic thoughtful migration options to ensure a smooth transition.

SoMo 655	SoMo 655Rx	SoMo 655DXS: No Radio
Color: Black	Color: White	Color: Black
Radios: 802.11 b/g/n & Bluetooth	Radios: 802.11 b/g/n & Bluetooth	Radios: None
	Additive: Ishizuka Glass, Ionpur IPL, EPA#73148-3, FDA#FCN000432	
	Rating: - 2.49 on Methicillin-resistant Staphylococcus aureus (MRSA) - 6.07 when cleaned with Sani-Cloth® Plus disposable cloth wipes	

PERFORMANCE
CPU: 624 MHz PXA270M
Operating System: Windows Embedded Handheld 6.5 (formerly Windows Mobile 6.5 Classic)
Memory & Storage: 128 MB SDRAM, 4 GB FLASH, up to 32 GB additional with microSD slot SoMo File Store: Non-volatile memory for device applications/ configurations can survive a hard reset of device. Features Auto-Run support, ideal for provisioning deployments
Languages Available: Worldwide English, Chinese (simplified), Dutch, Finnish, French, German, Italian, Japanese, Portuguese (Brazilian & Iberian), Russian, Spanish, Swedish

PHYSICAL CHARACTERISTICS

Dimensions with extended battery: 5.00 x 2.94 x 0.98 inches (127 x 74.60 x 25 mm) Weight: 7.20 oz (204 g)
Display, backlight and touch panel: 3.5", 65K colors TFT LCD, 16 bit-per-pixel, 240(w) x 320(L) resolution, white LED backlight, glass analog resistive touch panel for use with stylus or fingertip
Battery: Rechargeable 3.7V 2600 mAh Li-Ion, Super capacitor backup Use the Battery Life Estimator: http://goo.gl/zdeo0
Expansion slots: (Reinforced to prevent damage when dropped) CompactFlash I/O (CF) and microSD slots
Buttons: 4 front panel and 2 side programmable soft buttons Mode Switch control 5 navigation buttons Power on/off button and device reset button
LED indicators: Red/Green LED for alarm, battery charging Blue/Green LED for Bluetooth and WLAN Vibrate for alarm
Connectors: Power jack barrel connector 16 pin communications/charging connector USB 1.1 Host & 2.0 Client 3.5mm headset jack with support for voice & stereo
Audio support: High quality built in speaker and microphone support VoIP / Speech recognition / PTT / Dictation applications

PRE-LOADED APPLICATIONS & UTILITIES

Microsoft Software: Office Mobile 2010 (optional): Word / Excel / PowerPoint / OneNote / SharePoint Workspace Web/Communications: Outlook Mobile, IE Mobile Synchronization: ActiveSync Client Media: Windows Media Player Mobile .NET Compact Framework v3.5 Additional Applications: Calculator, Notes, Tasks
Socket Software: Data Capture: SocketScan Plug-in™ for CF barcode / MSR / RFID / UIC683 smart card reader cards, SocketScan 10 for Socket Mobile Bluetooth barcode scanners WLAN Management: GO Wi-Fi! for advanced management Power Management: Power Plus Battery Friendly® / Mode Switch / CPU performance utilities
3rd Party Software: Foxit PDF Reader, SOTI MobiScan Agent for automated WLAN configuration, Sprite Backup (Trial version)

WIRELESS - SoMo 655 & SoMo 655Rx only

Wireless LAN (Wi-Fi): IEEE® 802.11 b/g/n Data Rates (802.11b/g/n): Up to 135 Mbps Frequency Range: Country dependent (channels 1- 13); 2.412 - 2.472 GHz Antenna: internal
Bluetooth: V2.0 + EDR Class 2 with support for the following profiles:
<ul style="list-style-type: none"> DUN: Dial up networking GAP: General Access Profile SDP: Service Discovery Profile A2DP: Advanced Audio Profile AVCTP: A/V Control Transport AVRCP: A/V Remote Control GAVDP: Generic Audio/Video Distribution Profile AVDTP: A/V Distribution Transport Protocol HSP: Headset Profile HID: Human Interface Device (Host role) OPP: Object Push Profile (Client and server) SPP: Serial Port Profile

ENVIRONMENTAL

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

LEGAL

Warranty: Standard: SoMo handheld computer (all models): One year Accessories: 90 days SocketCare™ extended warranty sold separately http://www.socketcare.com
Certification & Compliance:
<ul style="list-style-type: none"> FCC: Part 15, Class B Industry Canada RoHS and WEEE compliant EMI / RFI Bluetooth Certification (BQB test) EU/International: EN301 489-1,-17 TELEC EN61000-4-2 : 1995, ESD ± 8kV air/±4kV contact Microsoft Windows Embedded Handheld 6.5 Logo Test Certified 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 USB IF Test

Software development kit (SDK)

The SDK provides flexible control via Application Programming Interfaces so developers can optimize hardware features of the SoMo 655 for their specific application and end user environment. For more information visit: http://www.socketmobile.com/support/Developer/SoMo/
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