Built for Business

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

Windows Embedded Handheld

Durability and Performance for Enterprise Applications

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'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 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

SoMo 655DXS

Designed for environments where a radio/microphone is not permitted or required

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

- Operating System: Windows Embedded Handheld 6.5 (formerly Windows Mobile 6.5 Classic)

- PXA270M processor running at 624 MHz for fast application responsiveness

- Memory: Large 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's **Enhanced Wi-Fi Companion (e-WFC)** 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'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 recognizes the need for extended product availability far longer than is common with consumer products companies. When it is time to upgrade, Socket provides realistic thoughtful migration options to ensure a smooth transition.

5 Years Product Lifecycle

The SoMo 655 is covered by Socket Mobile's 5-year supply commitment for hardware, software, accessories & support.

SoMo 655 from June 2012

AVAILABLE MODELS

SoMo 655: Standard
Color: Black   Radios: 802.11 b/g/n & *Bluetooth*

SoMo 655Rx: Antimicrobial
Color: White   Radios: 802.11 b/g/n & *Bluetooth*
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

SoMo 655DXS: No Radio
Color: Black   Radios: None

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: Enhanced Wi-Fi Companion 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)

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), Spanish, Swedish

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:
- DUN: Dial up networking   - GAVDP: Generic Audio/Video Distribution Profile
- GAP: General Access Profile   - AVDTP: A/V Distribution Transport Protocol
- SDP: Service Discovery Profile   - HSP: Headset Profile
- A2DP: Advanced Audio Profile   - HID: Human Interface Device (Host role)
- AVCTP: A/V Control Transport   - OPP: Object Push Profile (Client and server)
- AVRCP: A/V Remote Control   - 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:
- FCC: Part 15, Class B   - EN61000-4-3: 1997, radiated immunity 3V/m
- Industry Canada   - EN61000-4-4: 1995, EFT ± 0.55kV
- RoHS and WEEE compliant   - EN61000-4-5: 1995, Surge ± 0.5kV
- EMI / RFI   - EN61000-4-6: 1
- Bluetooth Certification (BQB test)   - CE: EN
- EU/International: EN301 489-1,-17   - Electrical Safety: EN60950, UL, CSA
- TELEC   - USB IF Test
- EN61000-4-2 : 1995, ESD ± 8kV air/±4kV contact
- Microsoft Windows Embedded Handheld 6.5 Logo Test Certified

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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