

## Wi2Wi, Inc. Confidential

### W2CBW003 (CSR BC04-ROM + Marvell 88W8686) Development Kit Quick Start Guide, Revision 1.3, Feb 5, 2007

#### 1. Hardware and Software Requirements:

- Notebook or Desktop with SDIO slot for WLAN and USB for Bluetooth.
  - Toshiba Satellite and IBM Thinkpad X40/X41, Dell Inspiron have been tested.
- Windows XP with installation of service pack 2.
- Bluetooth headset (if needed for audio streaming).
- Wireless network for WLAN connectivity.

#### 2. Card Interfaces and Connections

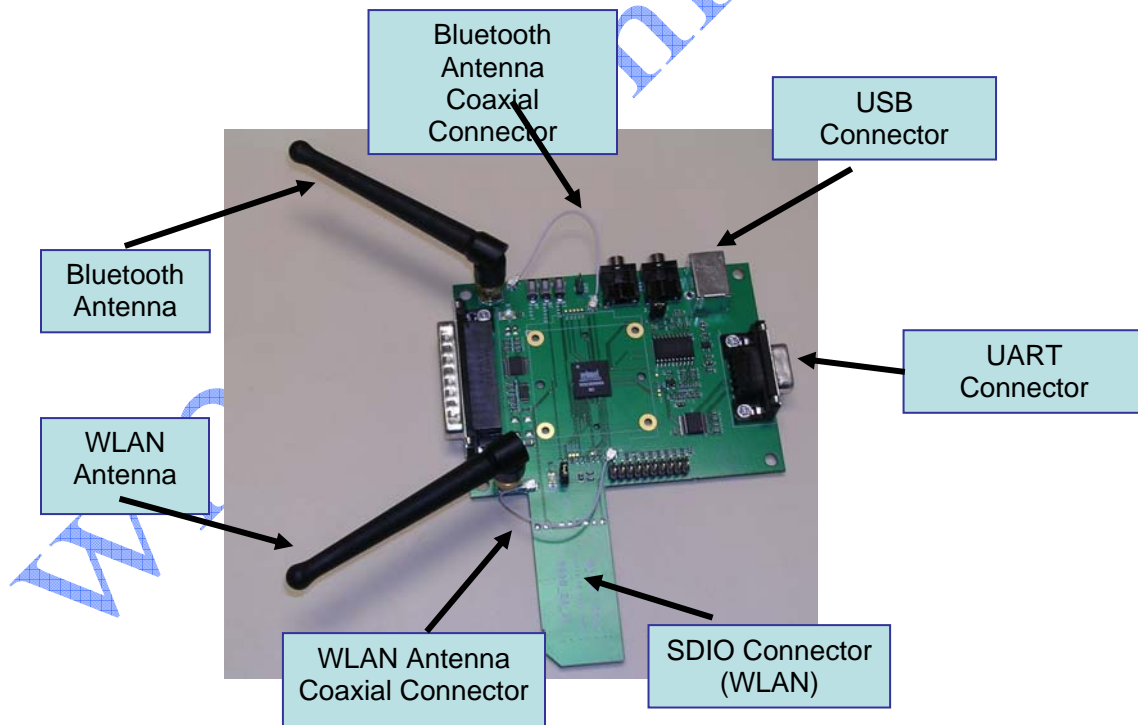


Figure #1: Card Interfaces and Connections

### 3. Directory Structure in the CD provided with the kit:

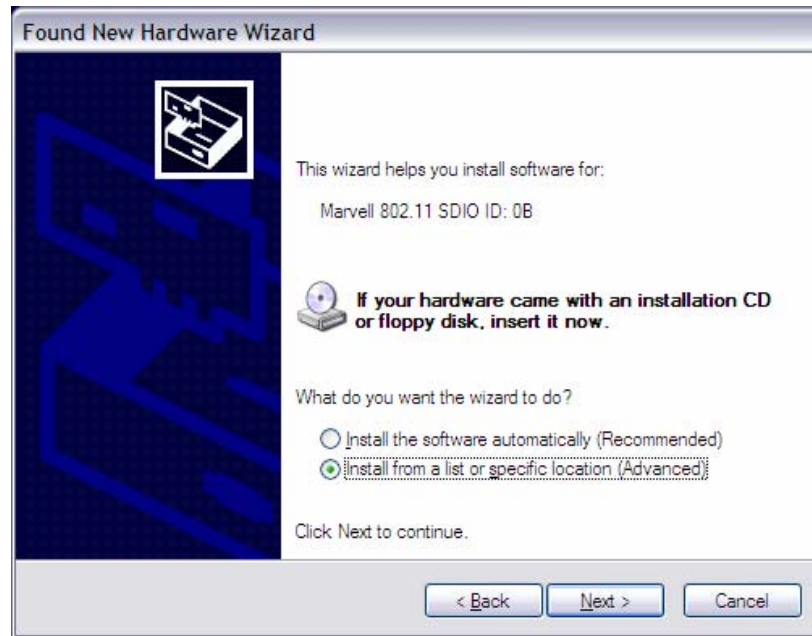
- Bluetooth Driver & Toshiba Profile: Contains Bluetooth driver and Toshiba profiles
- Hotfix921413: HB921413-v4.exe
- SCMS Check Disable: Contains an executable to disable SMCS check for Toshiba stack
- WLAN Driver: Contains WLAN driver files
- W2CBW003\_Quick\_Start\_Guide.pdf: Quick start guide for starting the kit

### 4. Software Setup:

- Most notebooks with SD slot which only support 1-bit SD mode, HotfixKB 921413 will update SD slot into 4-bit mode which is work mode of W2CBW003
  - run HB921413-v4.exe under directory Hotfix921413  
<http://support.microsoft.com/kb/921413>.
- Plug in SDIO connector in the machine (see Figure #4)
  - Follow the pop-up windows (see Figure#2 and Figure #3) and complete the installation of WLAN driver present under “WLAN Driver” directory.



**Figure #2: WLAN Driver Installation Window #1**

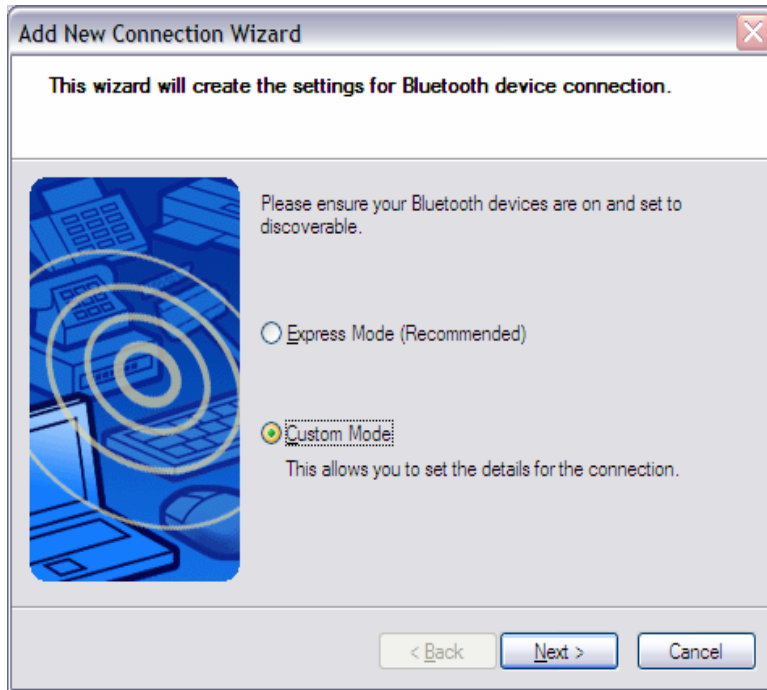


**Figure #3: WLAN Driver Installation Window #2**

- Unplug SDIO connector.
- Run setup.exe under directory “Bluetooth Driver & Toshiba Profile”
  - It will take some time and ask you to restart notebook.

## **5. Executing WLAN and Bluetooth Applications:**

- Plug in SDIO connector.
- Connect to a wireless network.
- Connect USB connector for connecting to Bluetooth Headset. Click on Bluetooth icon on your right corner (you may have to “All Programs” under “Start” if you are not able to locate it). “Add New Connection Wizard” and “Bluetooth Settings” windows will pop up.



**Figure #4: Bluetooth Connection Window #1**

- Choose "Custom Mode" in "Add New Connection Wizard" window (see Figure #4) and click "Next >". Machine searches for all the available devices and shows them in "Bluetooth Settings" window (see Figure #5).
- Connect to the desired Bluetooth device by clicking on the icon. It should turn green meaning that the connection is set. You may have to put your desired device in pairing mode to accomplish this.



**Figure #5: Bluetooth Connection Window #2**

- For video streaming, you can go to <http://movies.yahoo.com/trailers> and listen to the audio on a Bluetooth A2DP headset.
- For VoIP applications, You can use it with Skype for making VoIP calls.

#### **6. Important Notes:**

- Always plug in SDIO before plugging in USB due to SDIO bus limitations.
- If you're using MOTOROLA DC800 home stereo adapter or any other device where "SCMS check" is not enabled, you need to run "SwitchToSCMSCheck.exe" under directory "SCMS Check Disable" to disable SCMS-T copy protection before connecting to the device.