How to Install BCM94318 SDIO Driver with Arasan Adapter Card on Windows XP

Revision 1.0

Date: December 9, 2005

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Contents

1. INSTALL ARASAN STARDARD SD HOST PCI BOARD 4

2. INSTALL WIRELESS DEVICE DRIVER 5

1. Install Arasan Standard SD Host PCI Board

1.1 Shutdown the computer and plug in the Arasan Standard SD Host PCI card on PCI slot and reboot the PC.

1.2 Uninstall Microsoft SDIO drivers. We will be using our own instead of Microsoft's

- Device Manager -> Find entry for Secure Digital IO Bus (or winPCI)->Right click-> Uninstall

1.3 Uninstall BRCM wl driver. Get rid of any previous BRCM wireless driver.

- Device manager - >Networks -> Broadcom driver->Right click/uninstall

1.4 Edit c:\windows\inf\sdbus.inf:

- Search for the section '[Generic]'. Comment out these lines by inserting a semicolon ';' in the first column, like so:

```
[Generic]
;PCI\CC_080500.DeviceDesc%=SDHost,PCI\CC_080500
;PCI\CC_080501.DeviceDesc%=SDHost,PCI\CC_080501
```

Also comment out these lines:

```
;PCI\CC_080500.DeviceDesc="SDA Standard Compliant SD Host
Controller"
;PCI\CC_080501.DeviceDesc="SDA Standard Compliant SD Host
Controller"
```

1.5 Rename sdbus.PNF to sdbus_old.PNF

1.6 Edit c:\windows\inf\usb.inf.

- Search for any line containing '1095' (which is the Arasan/CMD Vendor ID). Comment out these lines by inserting a ';' in the first column.

1.7 Rename usb.PNF to usb_old.PNF

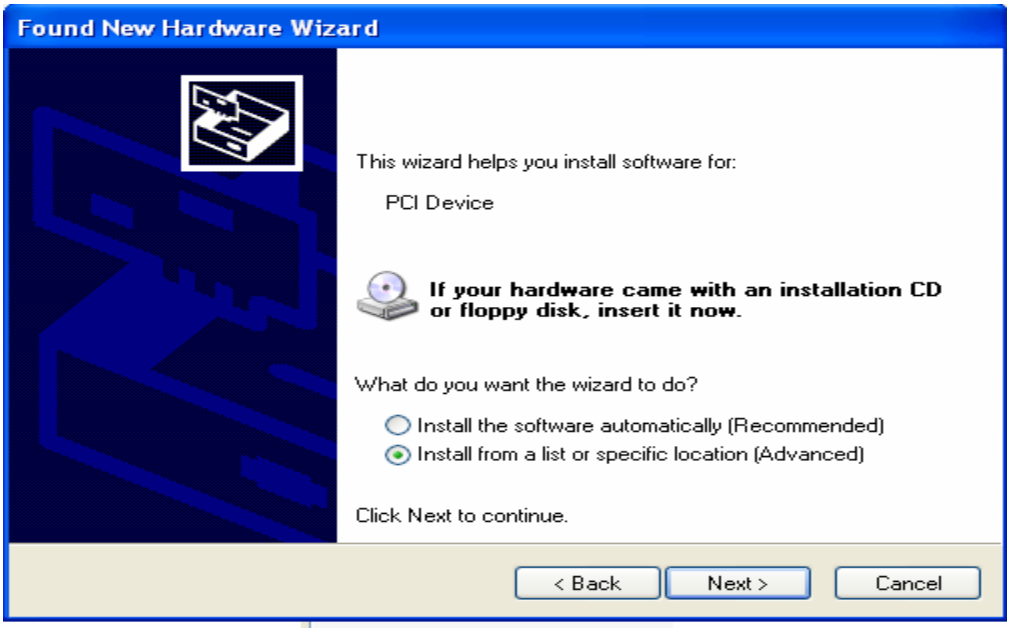
1.8 Reboot the PC

1.9 Note: The system must have a Windows XP and SP2 pre-installed.

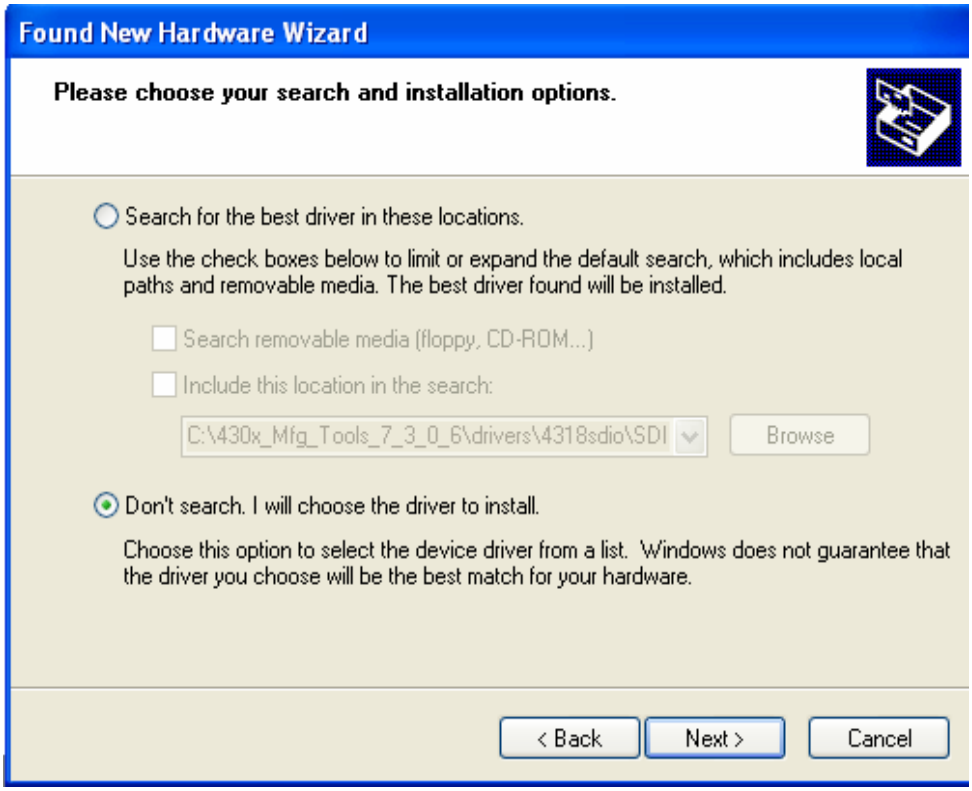
2. Install Wireless Device Driver

2.1 Finding new wireless device. Do not use Windows update for searching software.

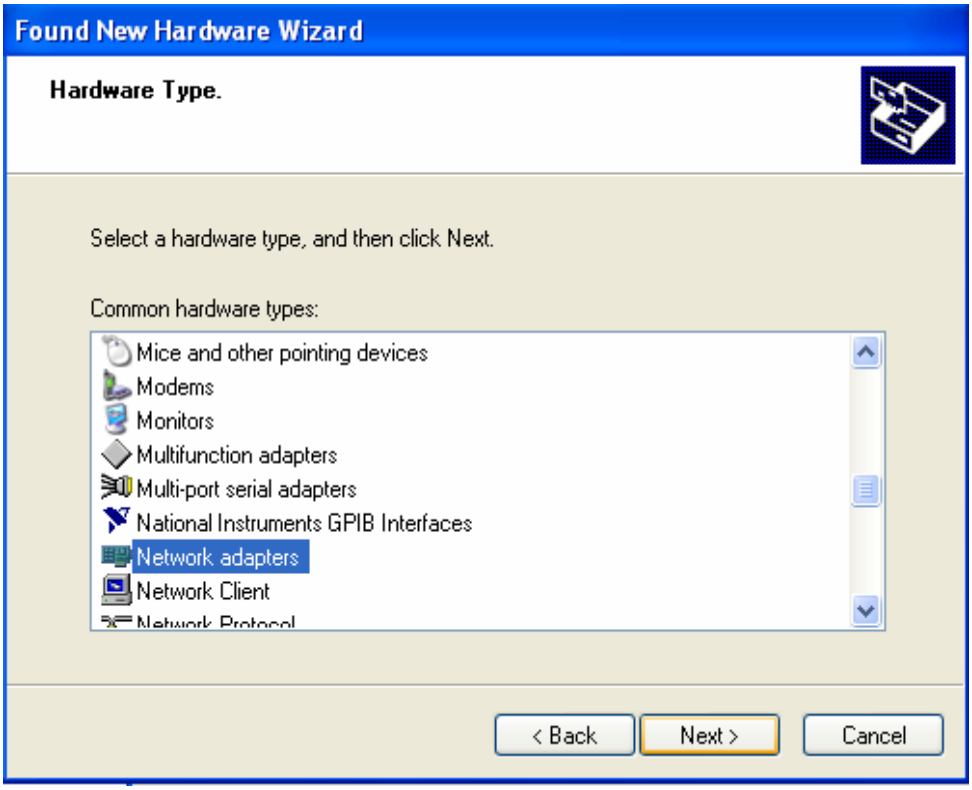
2.2 Install from a list of locations.



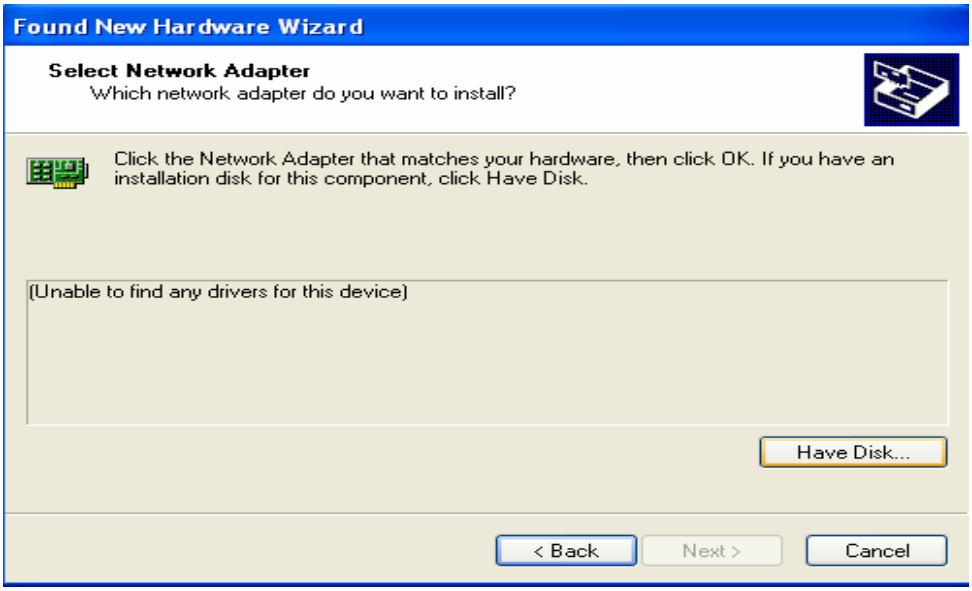
2.3 Choose the driver to install



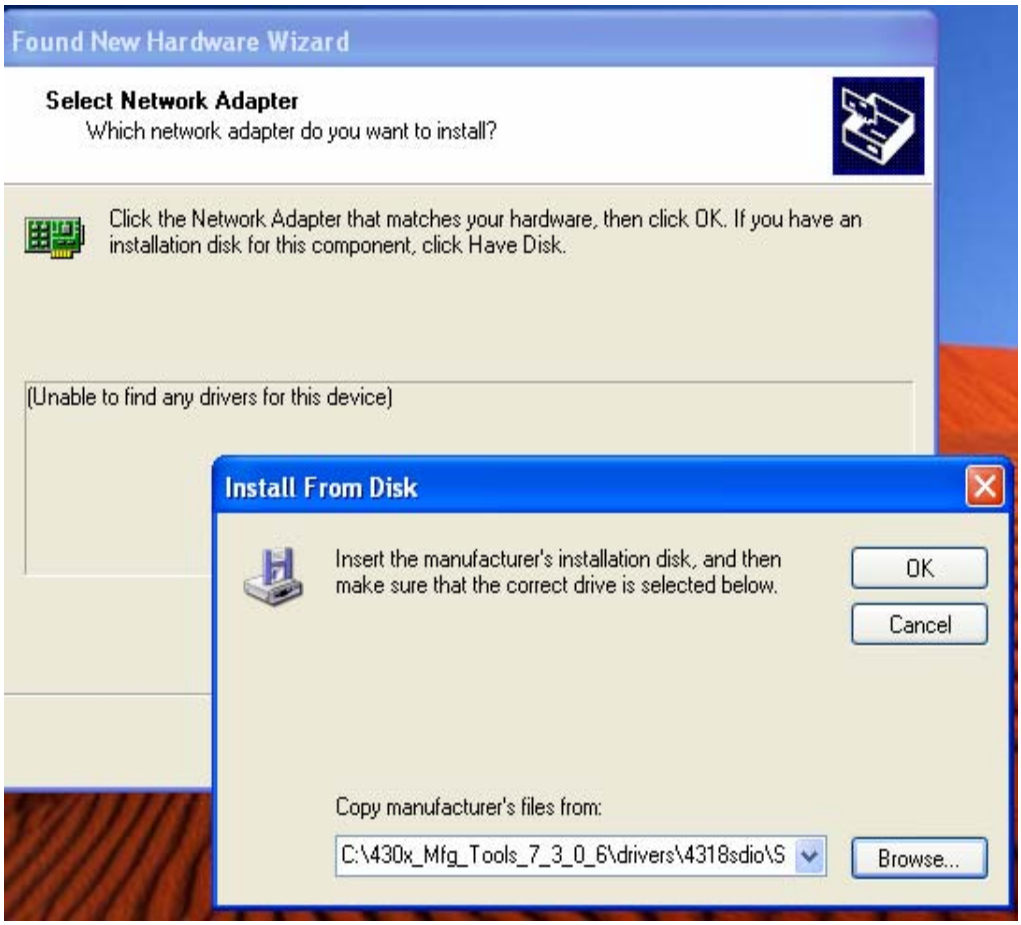
2.4 Select Hardware Type as Network Device and clink on Next



2.5 Click on “Have Disk”

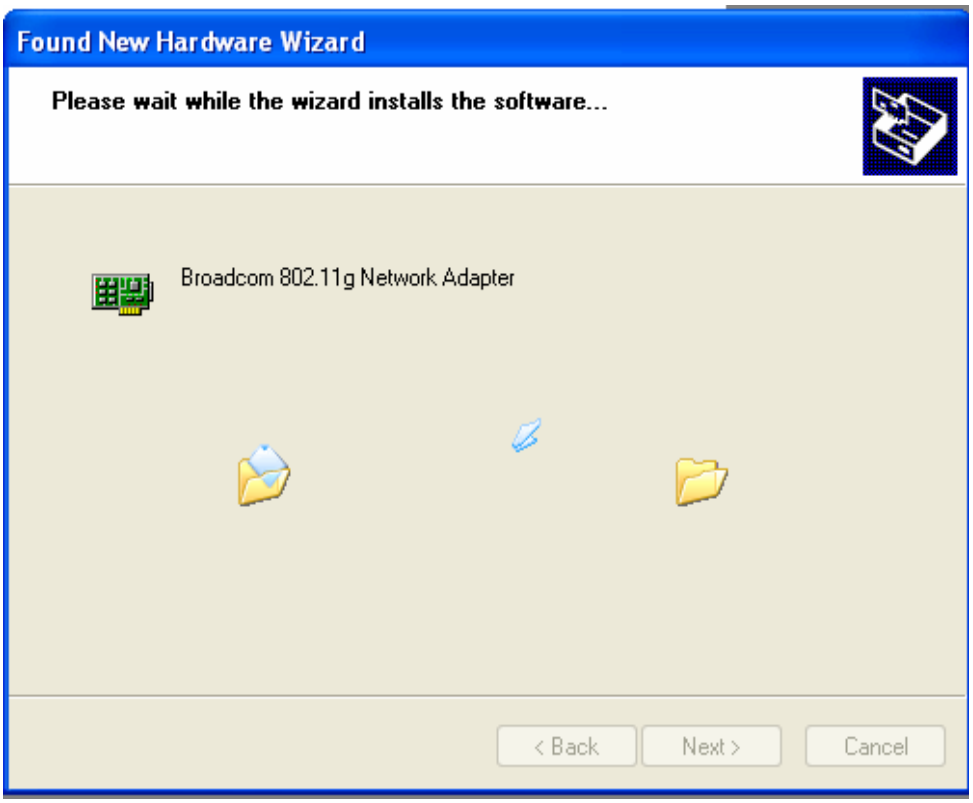


2.6 Browse to the driver directory

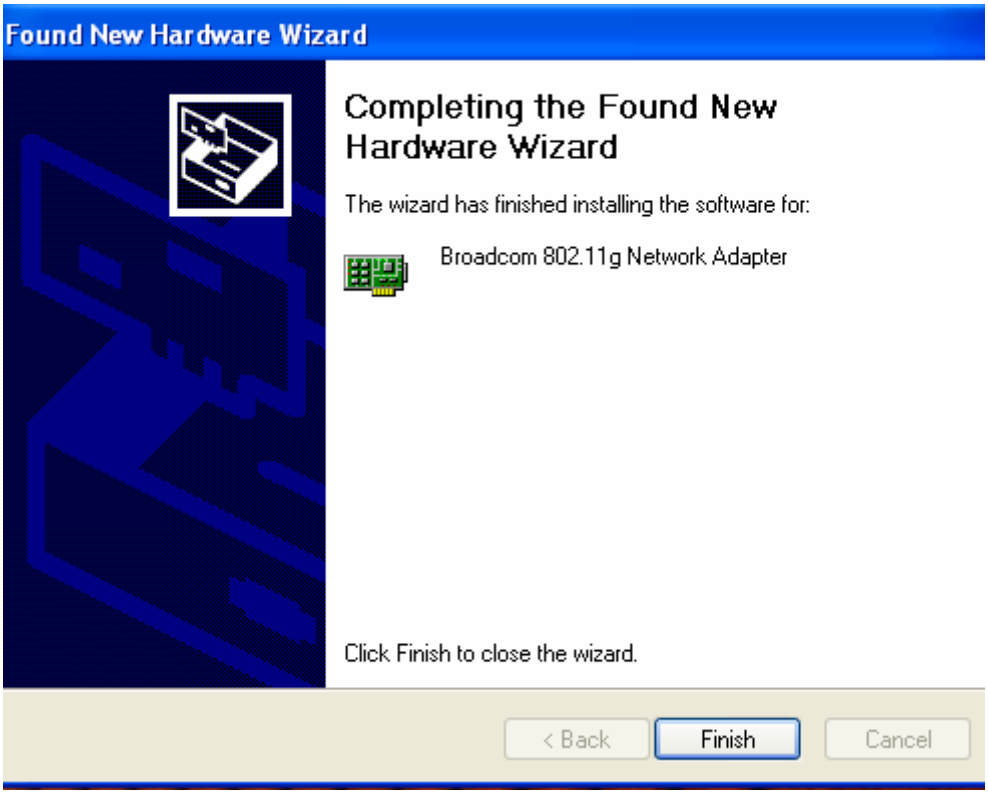


2.7 Select “Broadcom 802.11g Network Adapter Card”

2.8 Waiting while install software



2.9 Click on “finish” to complete installation



低功率電波幅性電機管理辦法

第十二條　　經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條　　低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信規定作業之無線電信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

“ Operation is subject to the following two conditions:(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. ” This Class B digital apparatus complies with Canada RSS-210. Cet appareil numerique de la classe B est conforme a la norme CNR -210 du Canada The abbreviation, IC, before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.(DoC) The term “ IC: ” before the certification/registration number only signifies that the Industry Canada technical specifications were met.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

This device is intended only for OEM integrators under the following conditions:

The antenna must be installed such that 20 cm is maintained between the antenna and users. As long as conditions above is met, further transmitter test will not be required. However, the OEM integrator is still responsible for testing their end-product for any additional compliance requirements required with this module installed (for example, digital device emissions, PC peripheral requirements, etc.).

This device is intended only form OEM integrators under the following conditions:

1)The antenna must be installed such that 20cm is maintained between the antenna and users, and

2)The transmitter module may not be co-located with any other transmitter or antenna.

IMPORTANT NOTE: In the event that these conditions can not be met (for example certain laptop configurations or co-location with another transmitter), then the FCC authorization is no longer considered valid and the FCC ID can not be used on the final product. In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC authorization.

End Product Labeling

This transmitter module is authorized only for use in devices where the antenna may be installed such that 20 cm may be maintained between the antenna and users. The final end product must be labeled in visible area with the following: "Contains TX FCC ID: MCLJ27H003 manual information that Must be include."

End Product Manual Information

The user manual for end users must include the following information in a prominent location "IMPORTANT NOTE":

To comply with FCC RF exposure compliance requirements, the antenna used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

如使用本模組之平台,無法在外部看見審驗合格標籤時,
應再該平台的外部明顯處標示內含射頻模組 CCXXxxYYyyyZzW