

**Qcom Technology Inc.**


**Bluetooth**

**QBT400UB**

**User's Manual**

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	<b>NOTE:</b>	<p>✧ <i>This product standardized the Radio Frequency Module:  XXXyyyLPDzzzz-x</i> .</p> <p>✧ <i>The system manufacturer is required to attach <b>this</b> Module Approval Label <b>to the system prior to delivery.</b></i></p>
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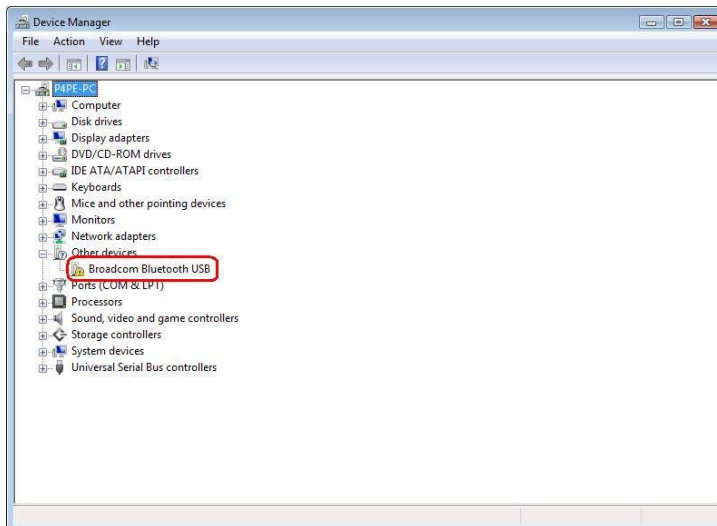
# Windows Vista

## Install the Bluetooth Driver

1. After you have installed the Bluetooth Module your computer will display a **Found New Hardware** wizard screen, click **Cancel** to continue.



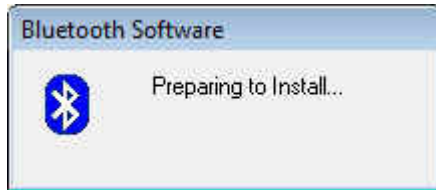
2. Under your windows environment, go to **Start → Control Panel → Device Management** to check whether **Broadcom Bluetooth USB** is detected.




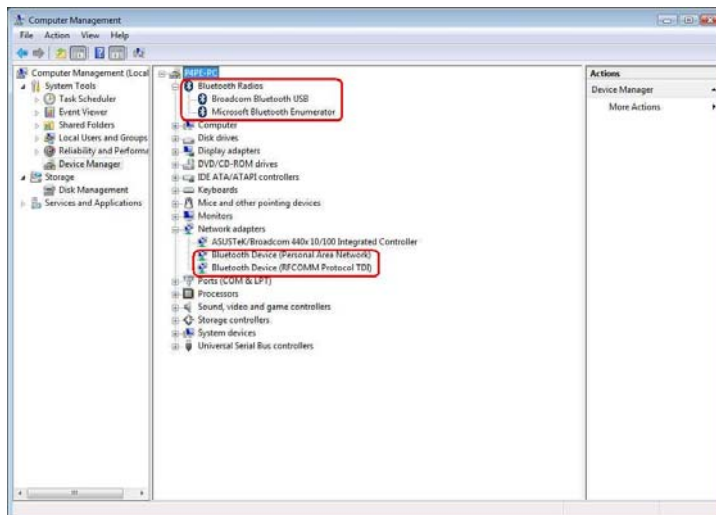
3. Go to the directory where the Bluetooth driver stored, double-click Setup icon to begin the installation.



4. Bluetooth Driver is installing. When the screen disappears, the driver install successfully.




5. When you complete the installation, the utility icon  will appear on the system tray. You should see “Broadcom Bluetooth USB” 、 “Microsoft Bluetooth Enumerator” in the **Bluetooth Radio** section and “Bluetooth Device(Personal Area Network)” 、 “Bluetooth Device(RFCOMM Protocol TDI)” in the **Network adapter** section. If not, it means that the installation failed. Please uninstall the driver and repeat the process.

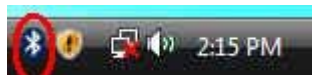


# Configuring the Broadcom Bluetooth Utility

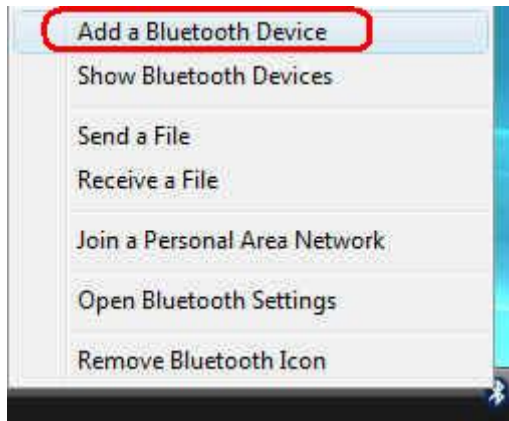
## Connect to Other Bluetooth Enabled Devices

 **NOTE:** Before connecting, make sure that the Bluetooth enabled device you wish to connect to is turned on,

1. On the **Notification Area**, right-click the **Bluetooth Utility** icon.



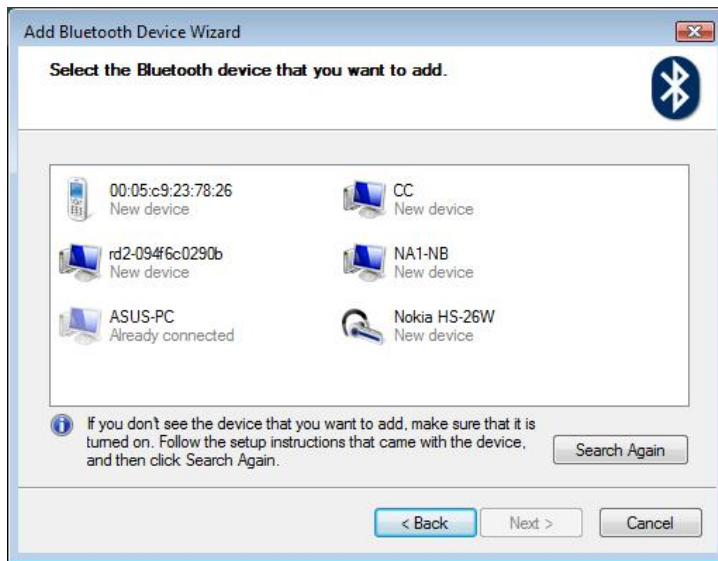
2. **Bluetooth Utility Selection** screen will be displayed, click **Add a Bluetooth Device**.



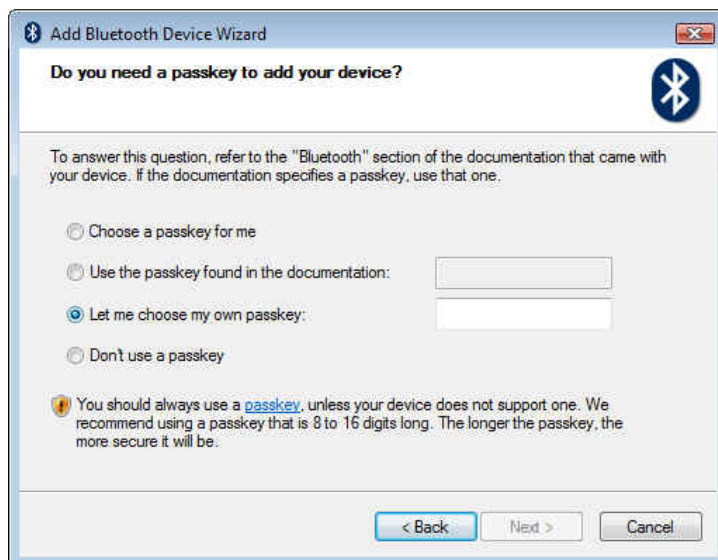
3. Select the **My device is set up and ready to be found**, and then click “Next”.



4. Select the Bluetooth device that you want to add and click “NEXT”.



5. Select **Let me choose my own passkey** fill in the passkey and click “NEXT”.

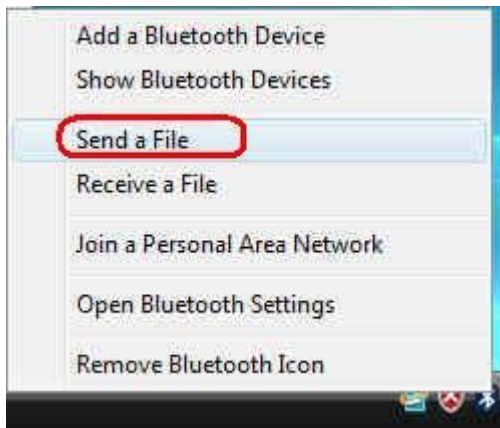


6. The connection now is complete, please click **“Finish”**.

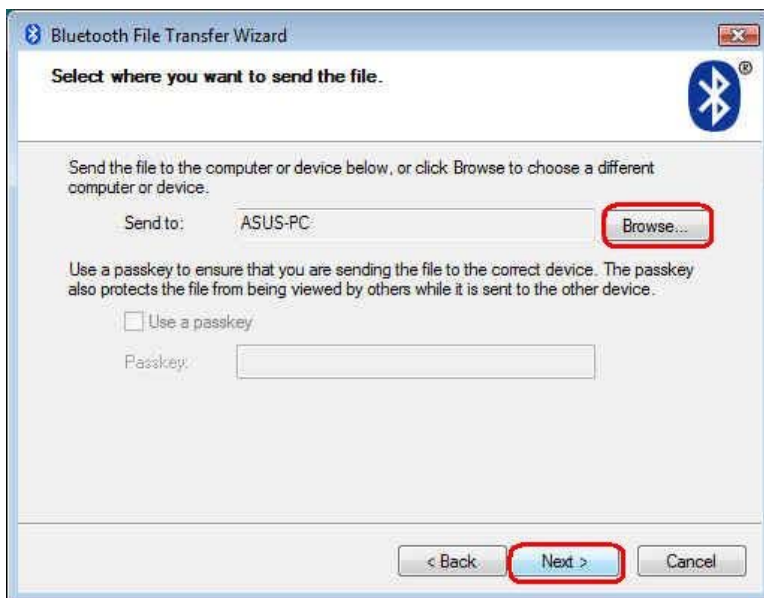


## Send a file

1. Right-click the **Bluetooth Utility** icon and click **Send a File**.

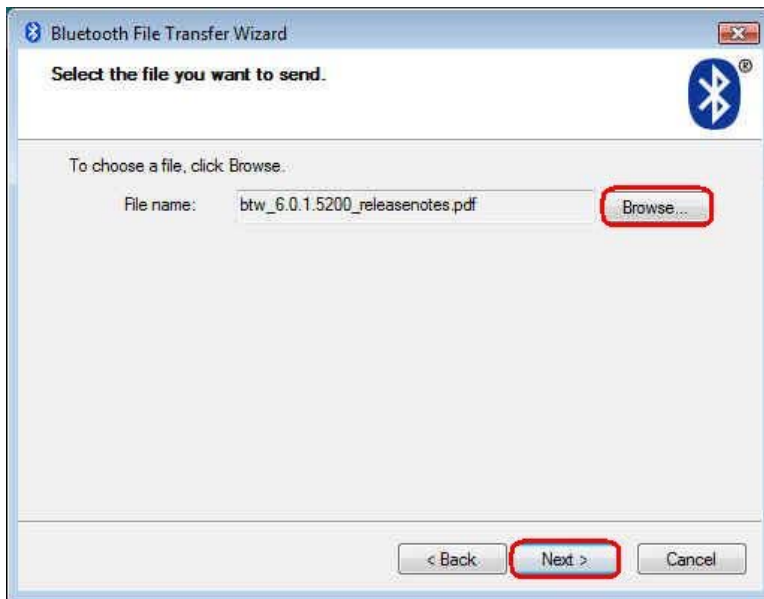


2. Click **Browse** to select a computer or device that you want to send the file and click **Next**.





3. Click **Browse** to select the file you want to send and then click “**Next**”.

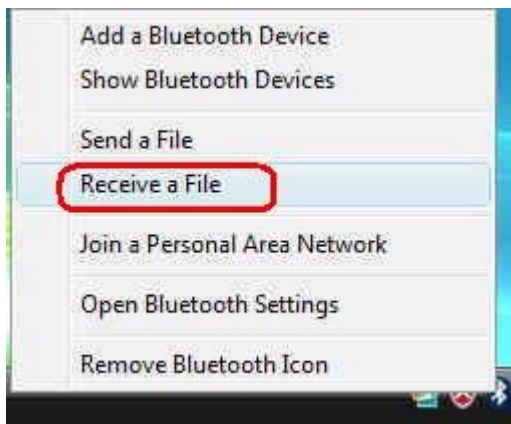


4. The file transfers successfully, please click “**Finish**”.

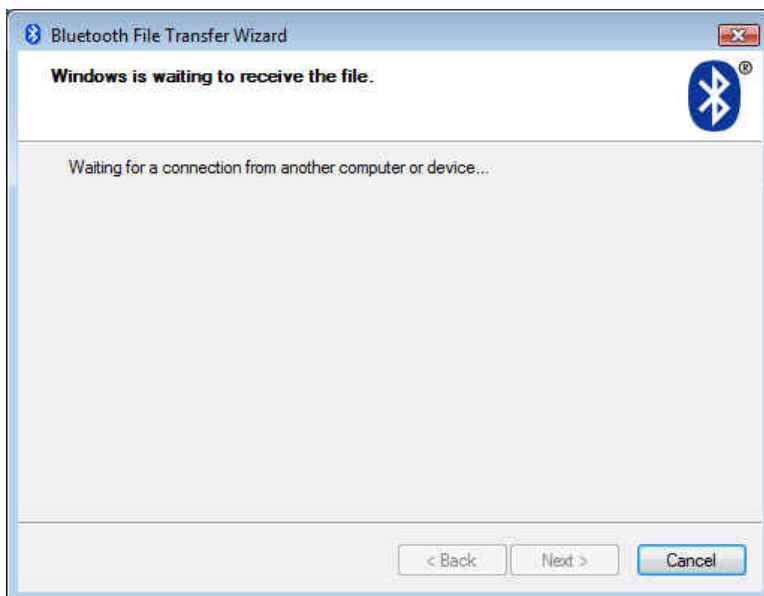


## Receive a file

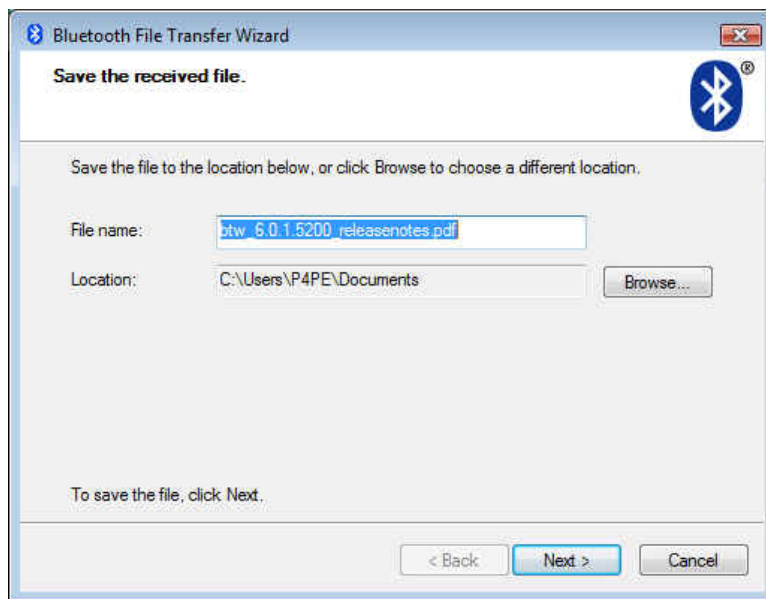
1. Right-click the **Bluetooth Utility** icon and click **Receive a File**.



2. Waiting to receive the file.



3. Click “**Next**” to save in default location. Or click “**Browse**” to choose the location where you want to save the received file and click “**Next**”.

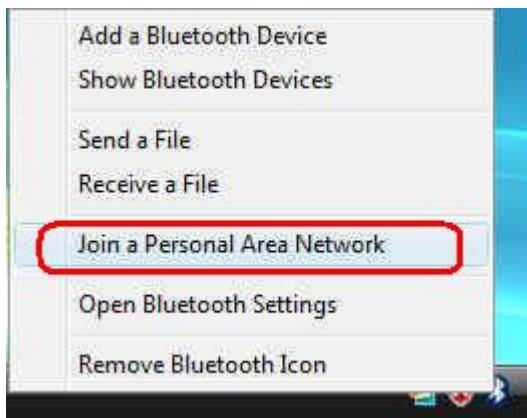


4. The file receives successfully, please click “**Finish**”.



## Join a Personal Area Network (PAN)

1. Right-click the **Bluetooth Utility** icon and click **Join a Personal Area Network**.



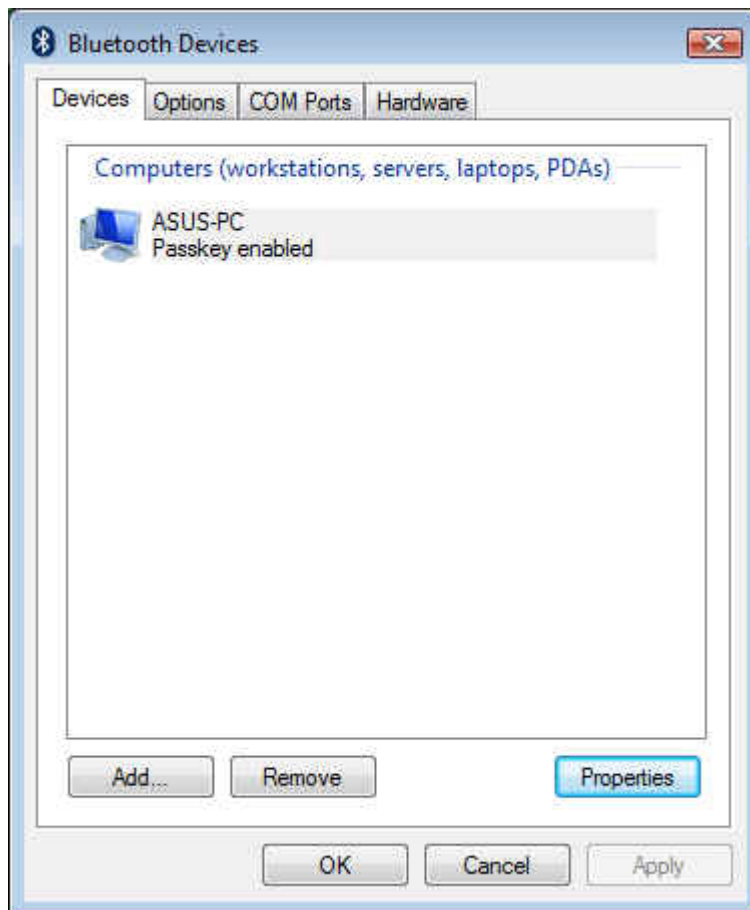
2. Under **Bluetooth Devices**, select the device that you want to connect to, and then click **“Connect”**.



## Configuration

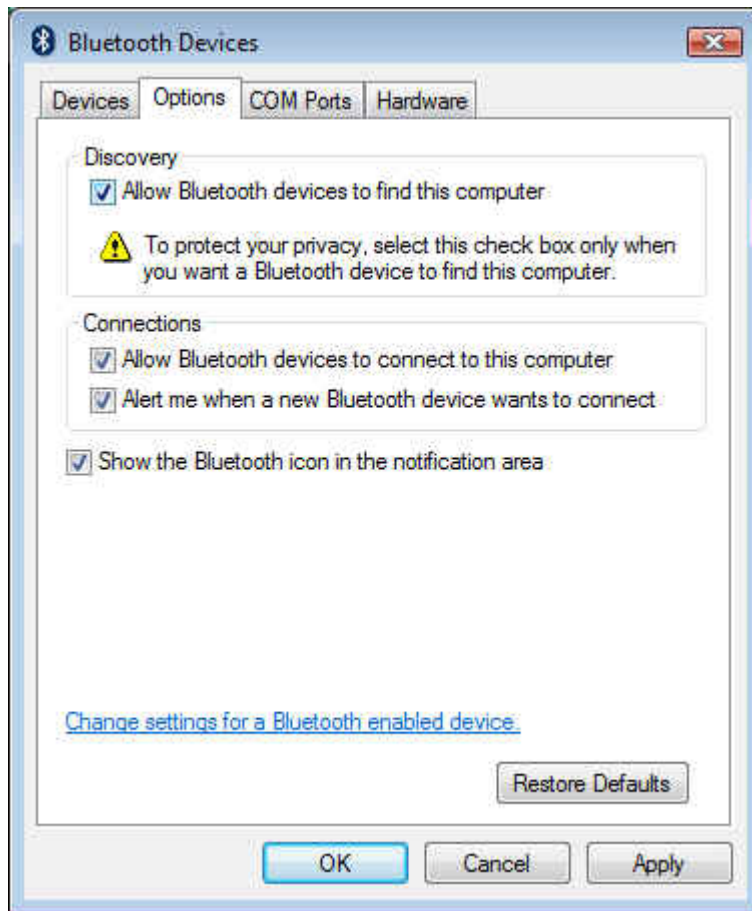
### ➤ Devices

The **Devices tab** you can see all the connected Bluetooth devices. Click Add to connect the other Bluetooth device. Click Remove button to delete the Bluetooth device from this list.



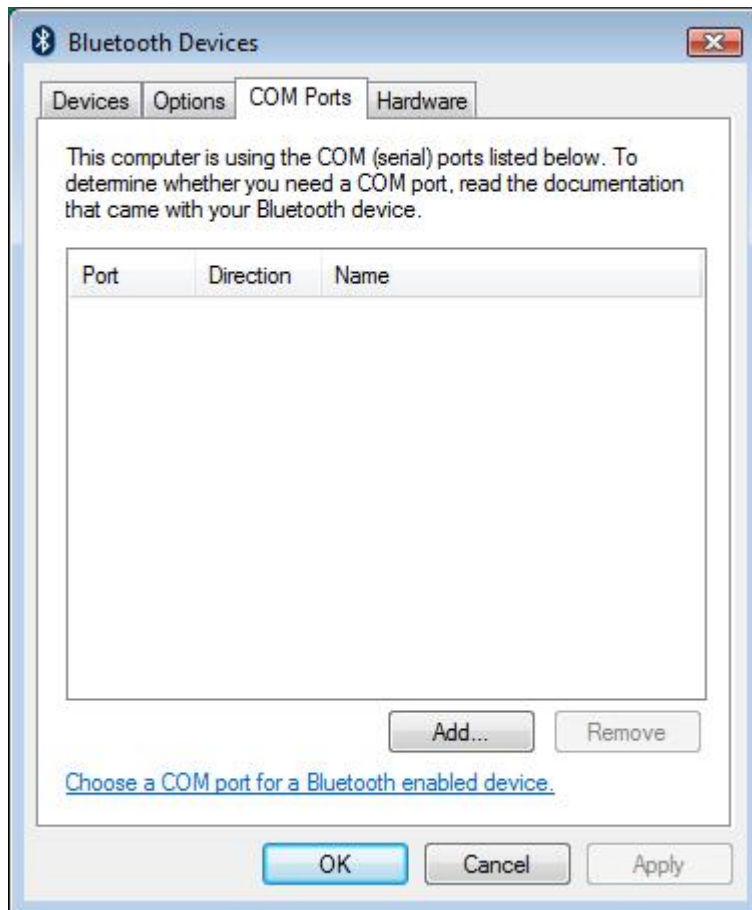
➤ Options

The **Options** tab you can change Bluetooth enabled devices settings.



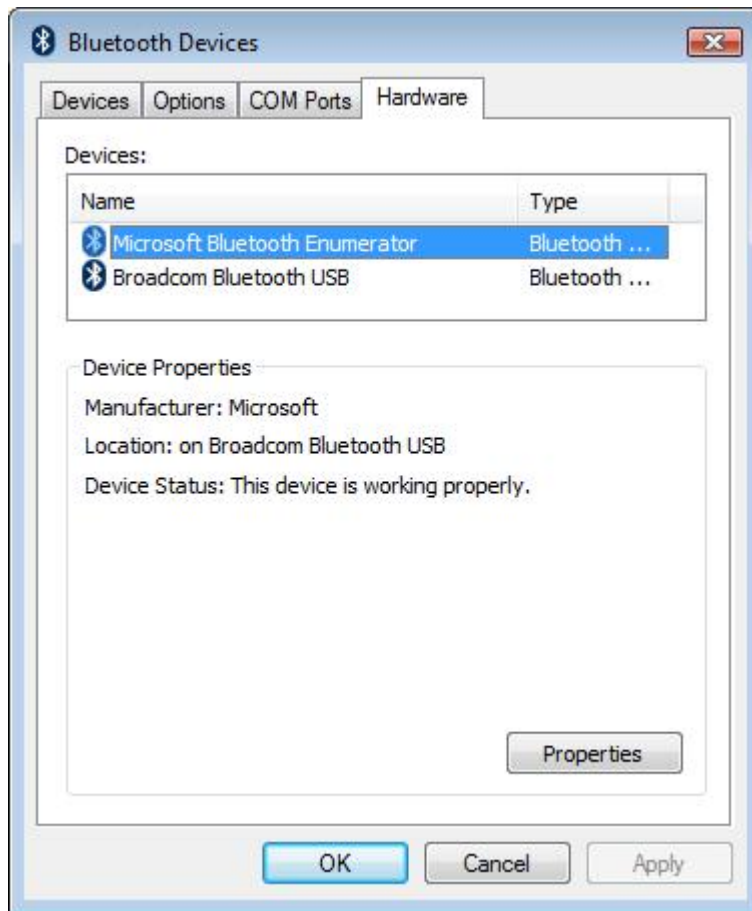
➤ COM ports

The **COM ports** tab you can Add or Remove a COM port for a Bluetooth enabled devices.



➤ Hardware

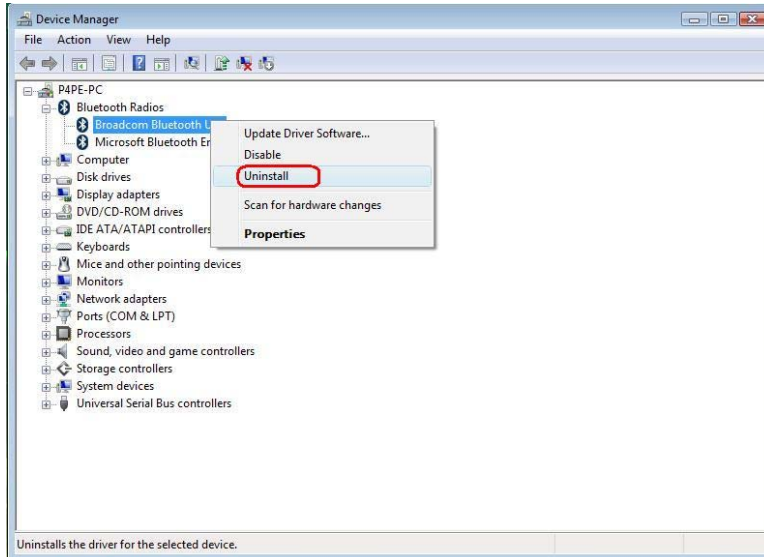
**Hardware** tab shows the Bluetooth device information.





## Uninstalling the Bluetooth Driver

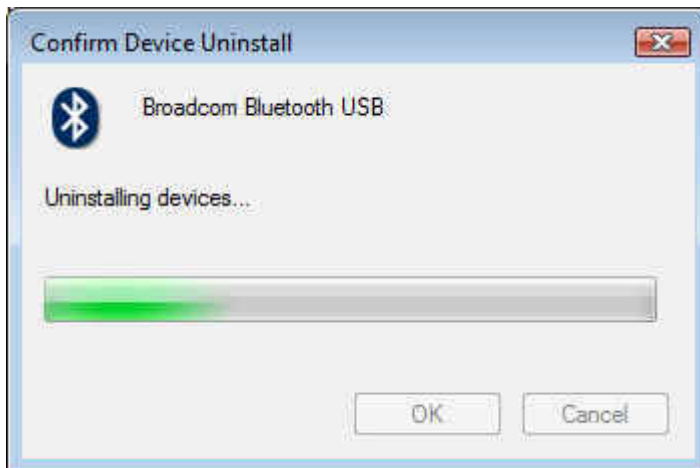
1. For uninstalling the Bluetooth driver, please go to: **Start** → **Control Panel** → **Device Management**. Then right-click **Broadcom Bluetooth USB** and select **uninstall**.



2. On the next screen, select **Delete the driver software for this device** and then click **“OK”**.



3. Bluetooth driver is uninstalling.



4. When the Confirm Device Uninstall screen disappears, the Bluetooth driver un-installation complete.

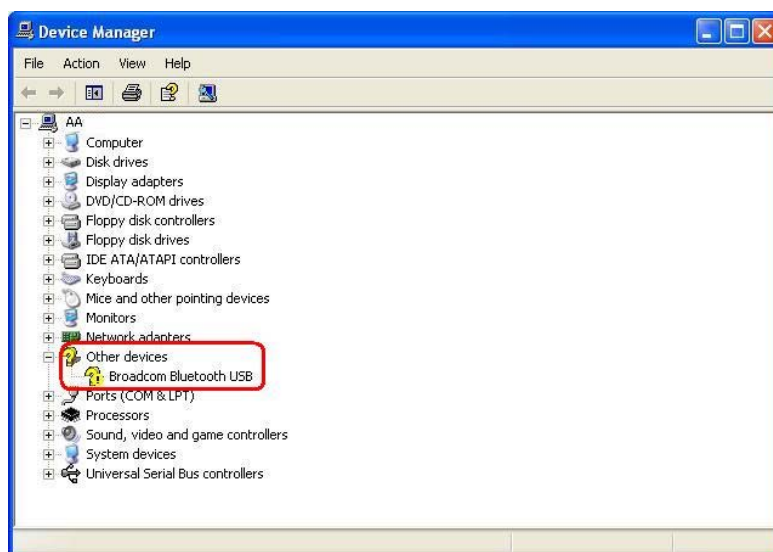
# Windows XP

## Install the Bluetooth Driver

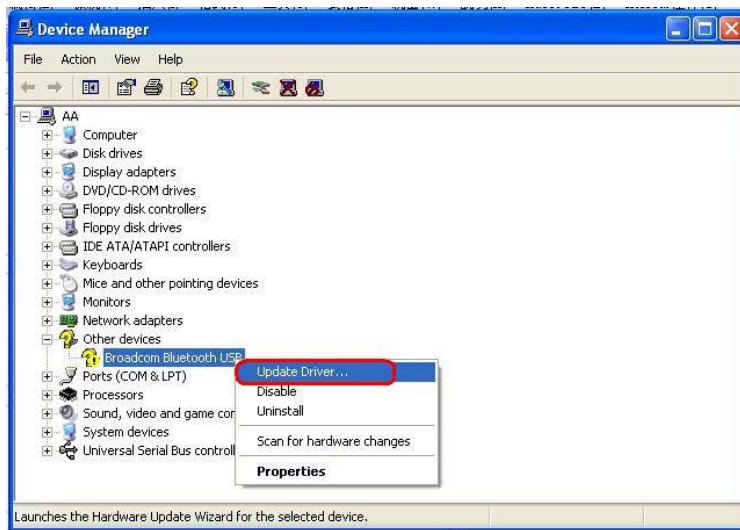
1. After you have installed the Bluetooth Module your computer will display a **Found New Hardware** wizard screen, click **Cancel** to continue.



2. Under your windows environment, go to **Start** → **Control Panel** → **System** → **Hardware** → **Device Management** to check whether **Broadcom Bluetooth USB** is detected.



3. Right-click the **Broadcom Bluetooth USB** and select “Update driver”.



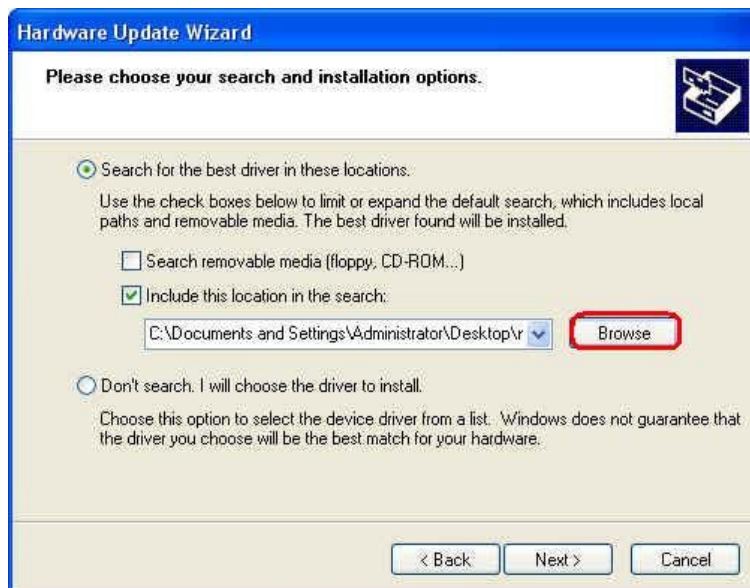
4. On Hardware Update Wizard screen, select **No, not this time** and then click “Next”.



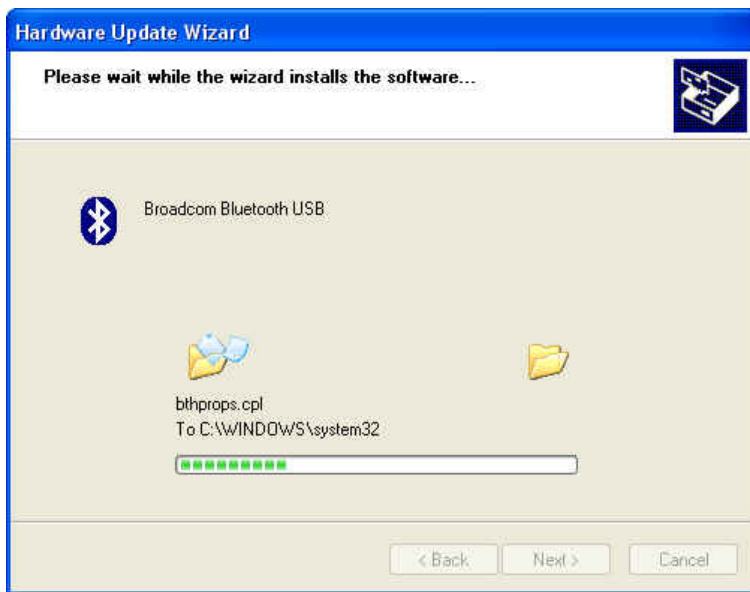
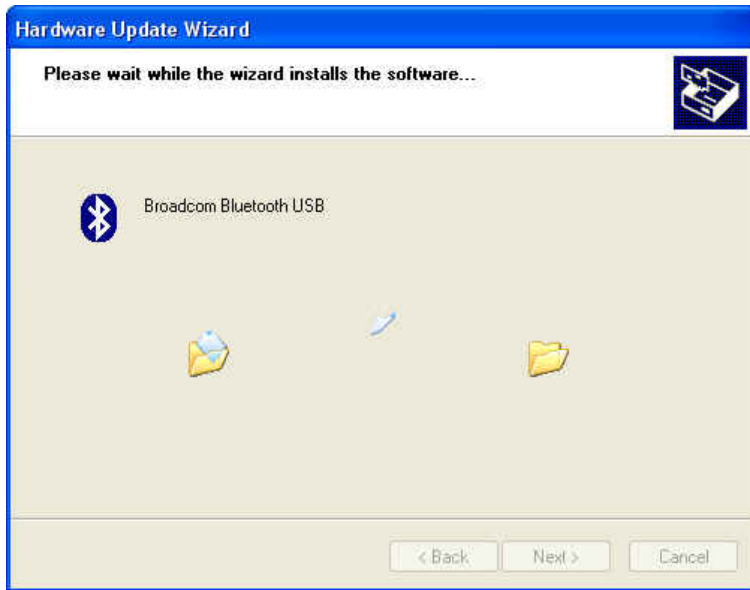
5. Select **Install from a list or specific location (Advanced)** and click “**Next**”.



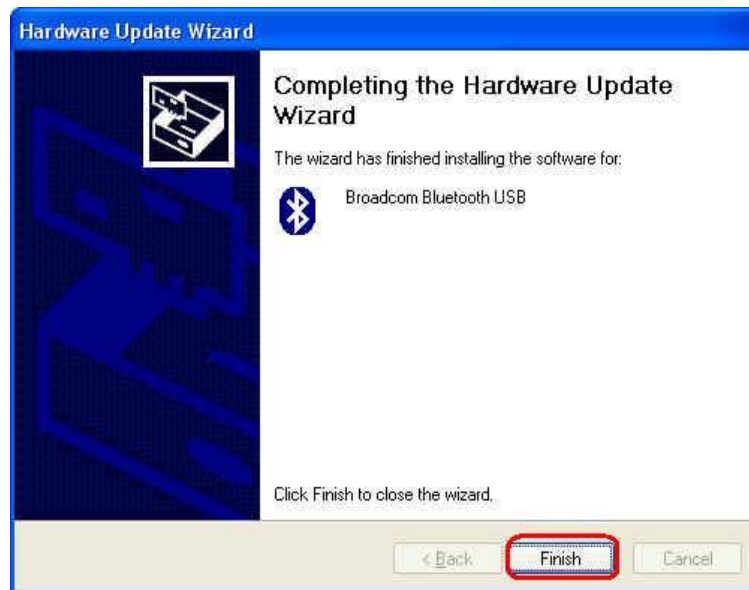
6. Click **Browse** to select the folder that driver for Broadcom Bluetooth USB and then click “**Next**”.




7. Bluetooth Driver is installing.



8. Please click “**Finish**” to complete the Bluetooth installation




**NOTE:**

When you complete the installation, the utility icon  will appear on the system tray. If not, it means that the installation failed. Please uninstall the driver and repeat the process.

# Configuring the Broadcom Bluetooth Utility

## Connect to Other Bluetooth Enabled Devices

 **NOTE:** Before connecting, make sure that the Bluetooth enabled device you wish to connect to is turned on,

1. On the **Notification Area**, right-click the **Bluetooth Utility** icon.



2. **Bluetooth Utility Selection** screen will be displayed, click **Add a Bluetooth Device**.

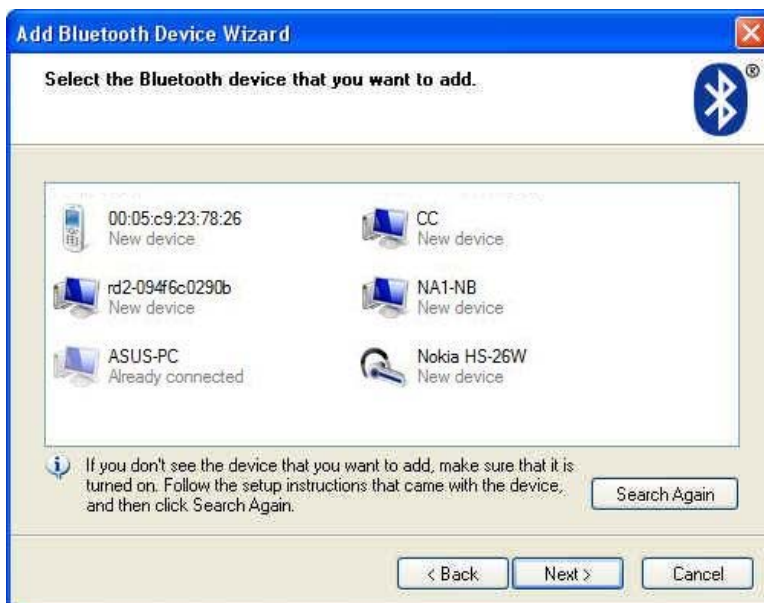




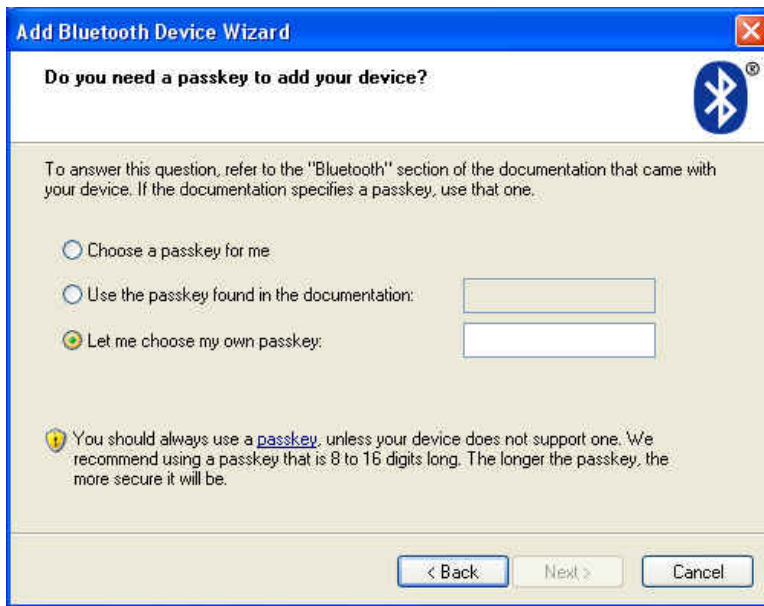
3. Select the **My device is set up and ready to be found**, and then click “**Next**”.



4. Select the Bluetooth device that you want to add and click “**NEXT**”.



5. Select **Let me choose my own passkey** fill in the passkey and click “**NEXT**”.

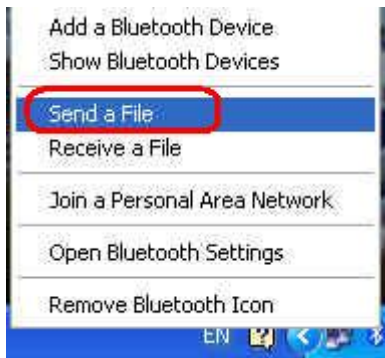


6. The connection now is complete, please click “**Finish**”.

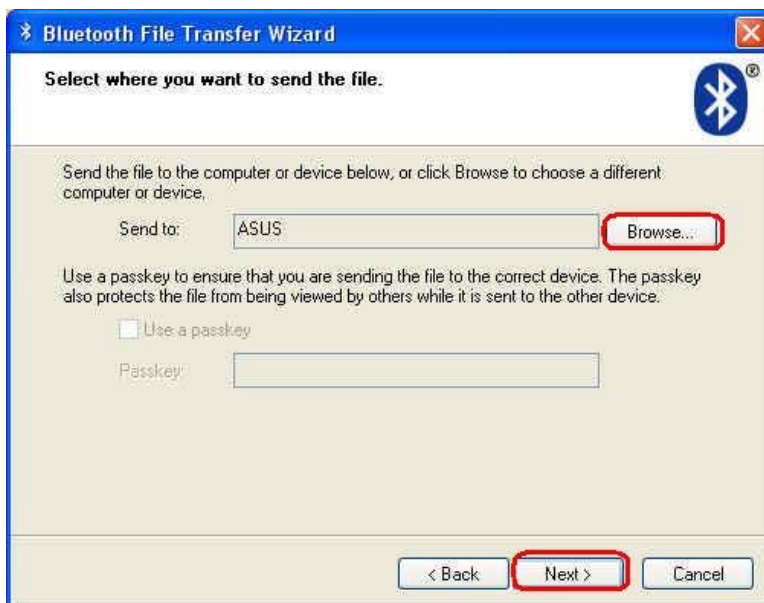


## Send a file

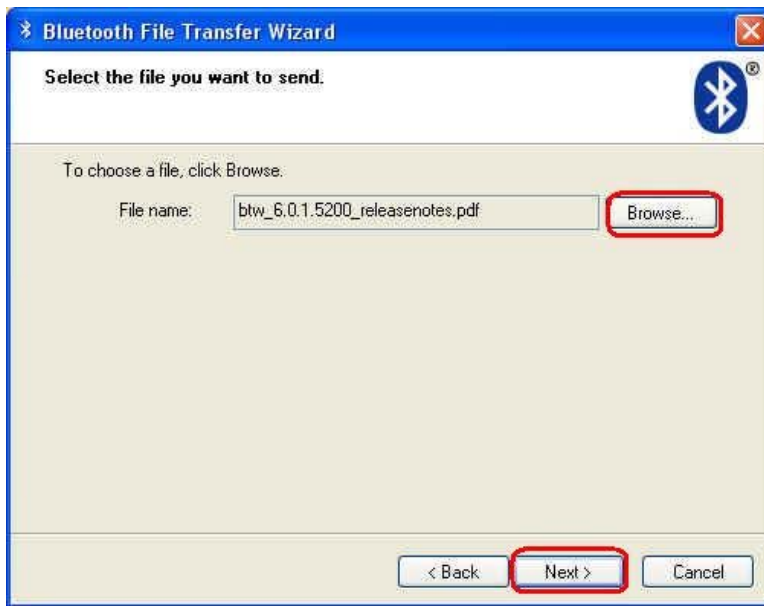
1. Right-click the **Bluetooth Utility** icon and click **Send a File**.



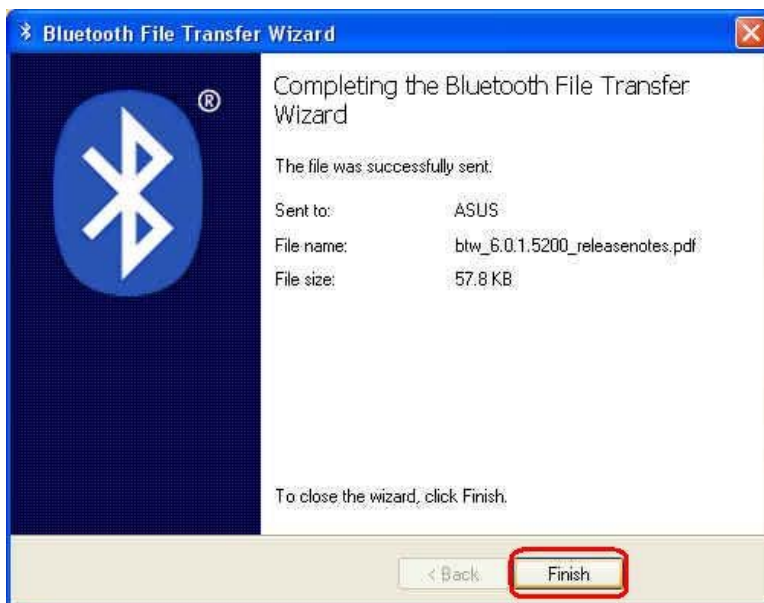
2. Click **Browse** to select a computer or device that you want to send the file and click **Next**.



3. Click **Browse** to select the file you want to send and then click “**Next**”.



4. The file transfers successfully, please click “**Finish**”.

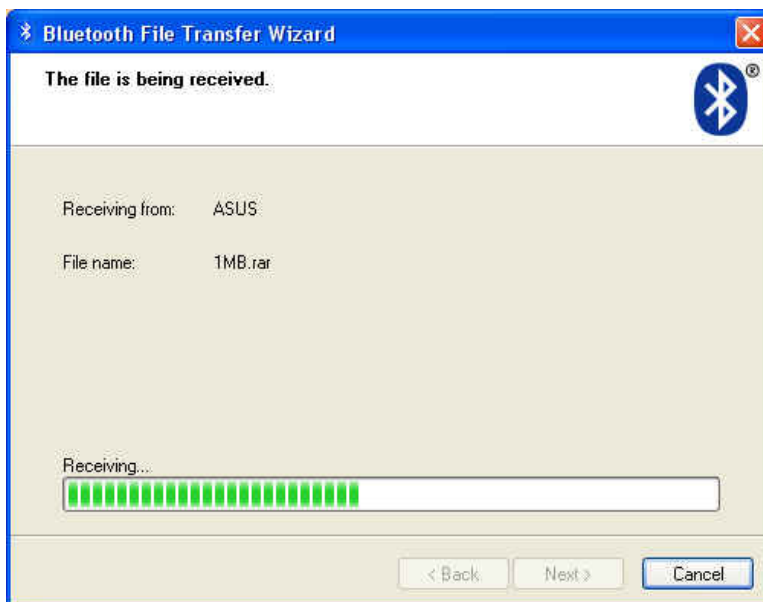


## Receive a file

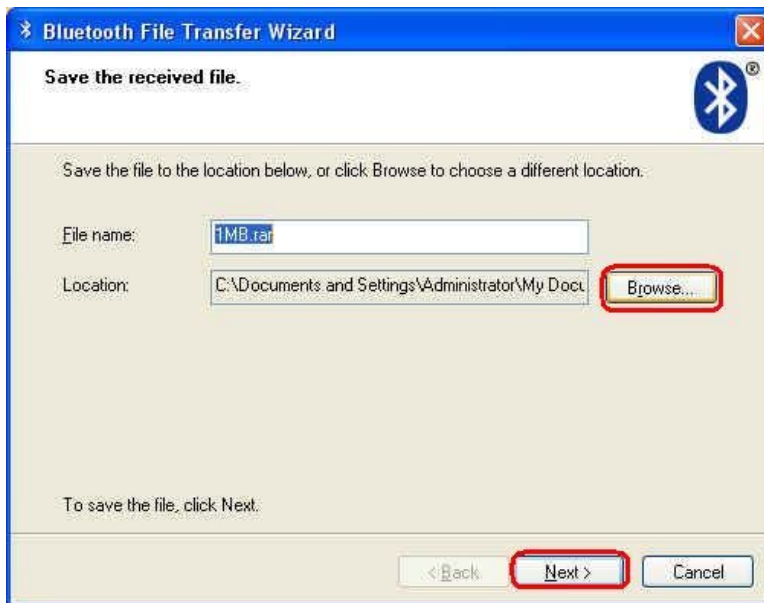
1. Right-click the **Bluetooth Utility** icon and click **Receive a File**.



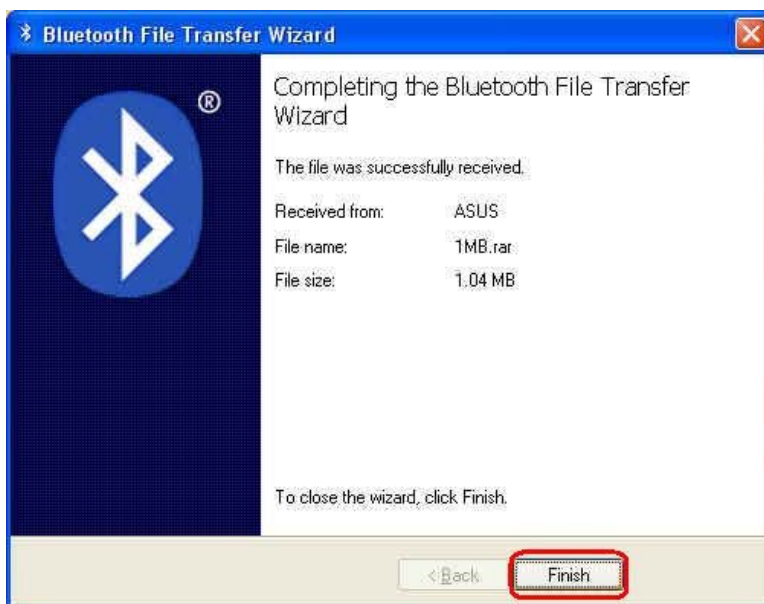
2. The file is being received.



3. Click “**Next**” to save in default location. Or click “**Browse**” to choose the location where you want to save the received file and click “**Next**”.

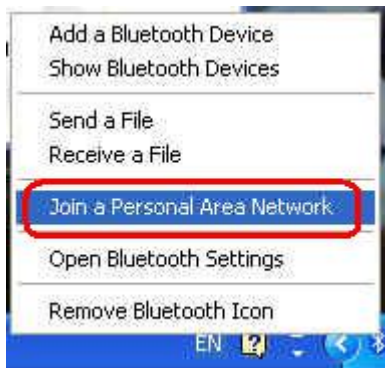


4. The file receives successfully, please click “**Finish**”.

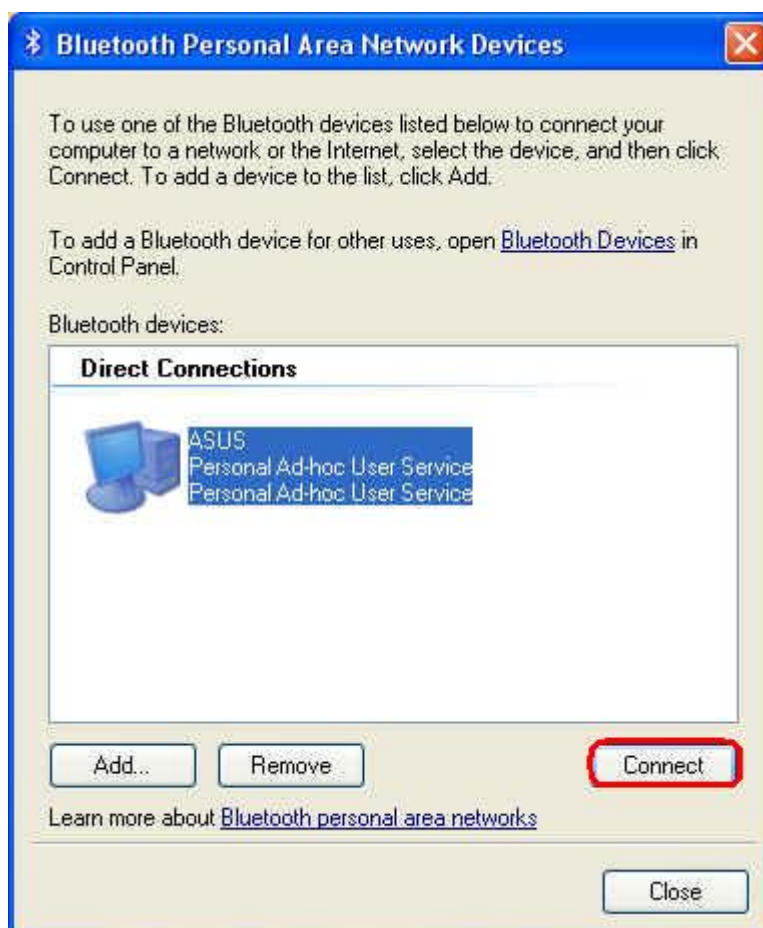


## Join a Personal Area Network (PAN)

1. Right-click the **Bluetooth Utility** icon and click **Join a Personal Area Network**.



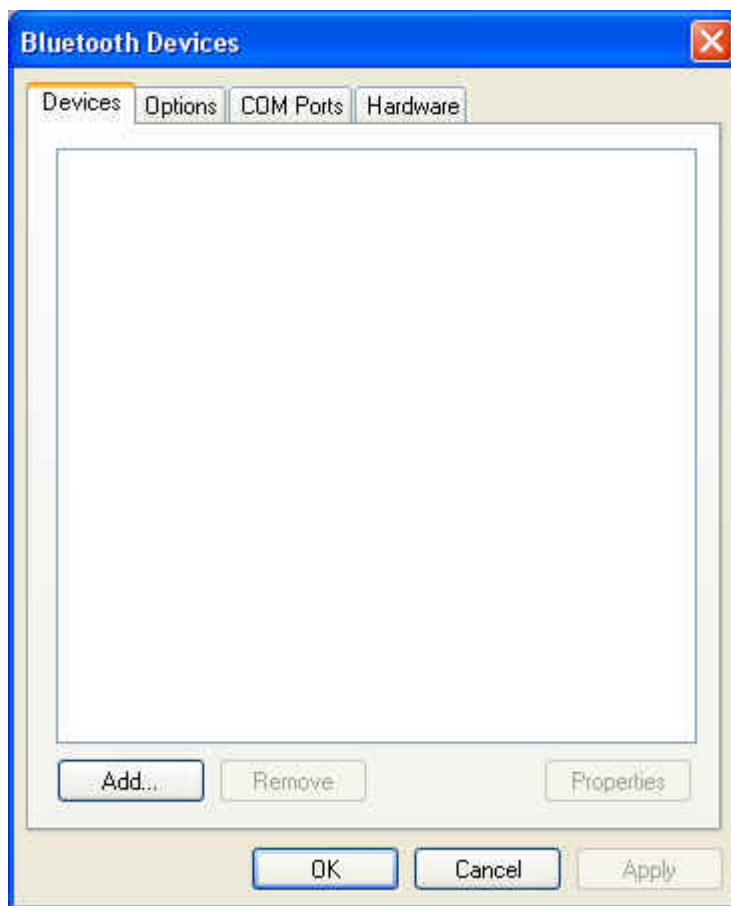
2. Under **Bluetooth Devices**, select the device that you want to connect to, and then click **“Connect”**.



## Configuration

### ➤ Devices

The **Devices tab** you can see all the connected Bluetooth devices. Click Add to connect the other Bluetooth device. Click Remove button to delete the Bluetooth device from this list.





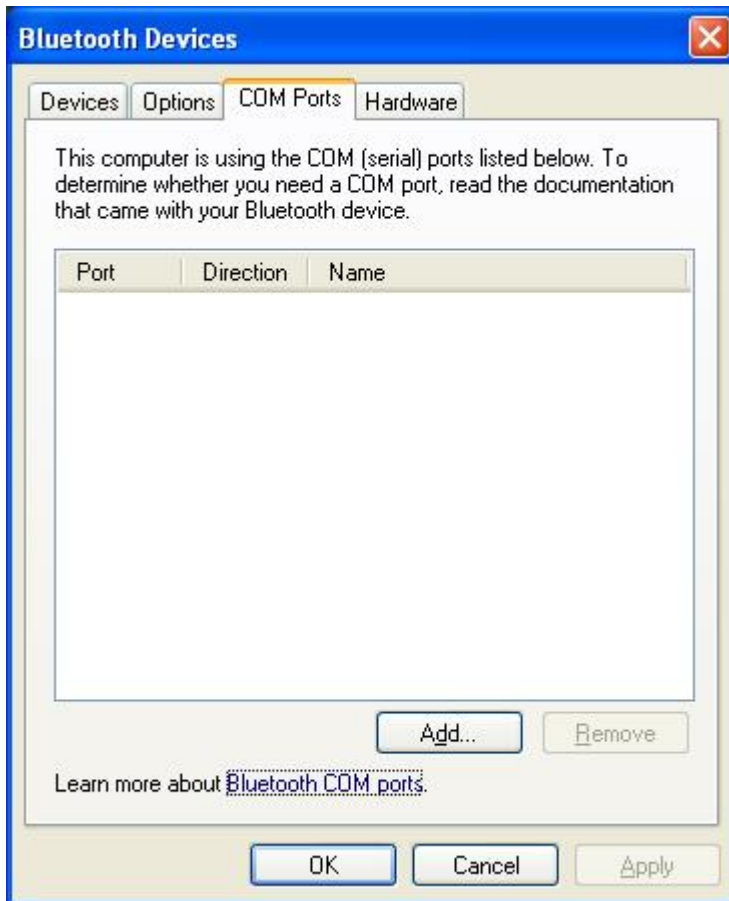
➤ Options

The **Options** tab you can change Bluetooth enabled devices settings.



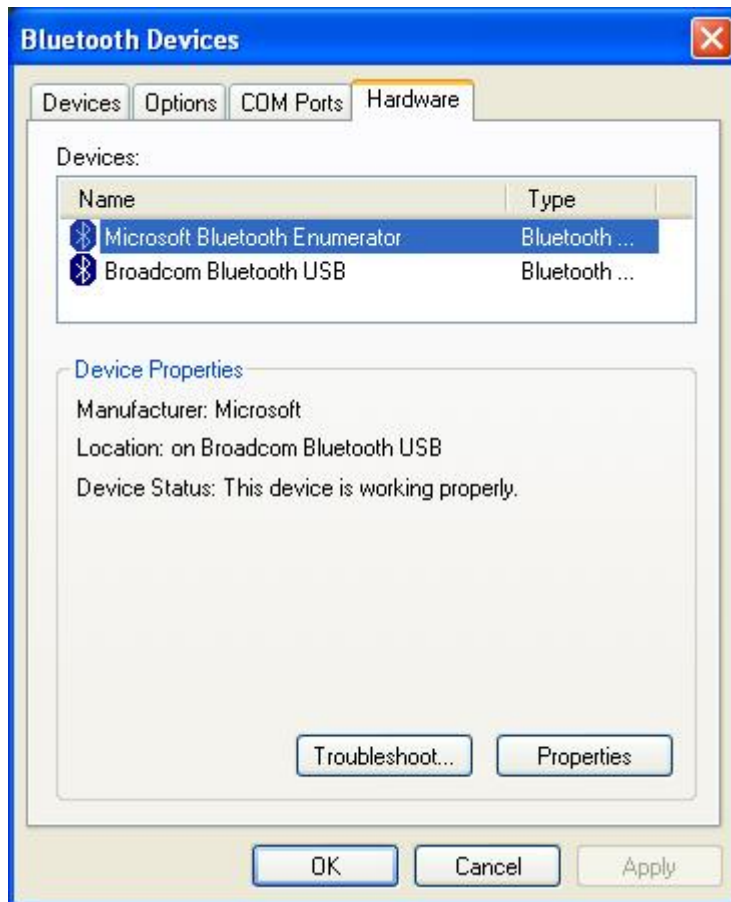
➤ COM ports

The **COM ports** tab you can Add or Remove a COM port for a Bluetooth enabled devices.



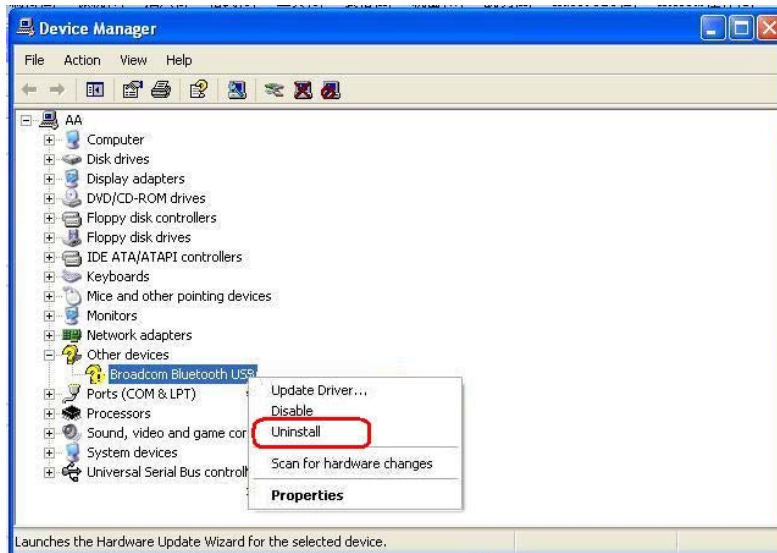
➤ Hardware

**Hardware** tab shows the Bluetooth device information.



## Uninstalling the Bluetooth Driver

1. For uninstalling the Bluetooth driver, please go to: **Start → Control Panel → System → Hardware → Device Management**. Then right-click **Broadcom Bluetooth USB** and select **uninstall**.



2. On the next screen click **“OK”** to uninstall the driver.



3. When the Confirm Device Removal screen disappears, the Bluetooth driver un-installation complete.

### **Federal Communication Commission Interference Statement**

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 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.

**FCC Caution:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

### **IMPORTANT NOTE:**

#### **FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with FCC RF exposure compliance requirements, please follow operation instruction as documented in this manual.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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

- 1) The antenna must be installed such that 20 cm is maintained between the antenna.
- 2) The transmitter module may not be co-located with any other transmitter or antenna.

As long as 2 conditions above are 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.).

**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**

The final end product must be labeled in a visible area with the following: “Contains FCC ID: RUJ-QBT400UB”.

#### **Manual Information To the End User**

The OEM integrator has to be aware not to provide information to the end user regarding how to install or remove this RF module in the user’s manual of the end product which integrates this module.

The users manual for OEM integrators must include the following information in a prominent location “IMPORTANT NOTE: To comply with FCC RF exposure compliance requirements. The antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

## **Canadian Regulatory Wireless Notice**

This device complies with RSS-210 of the Industry Canada Rules. 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

### **IMPORTANT NOTE:**


#### **IC Radiation Exposure Statement:**

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with IC RF exposure compliance requirements, please follow operation instruction as documented in this manual.

## For NCC 警語

- ✘ 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。
- ✘ 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，指依電信法規定作業之無線電通信。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。

### Note:

1. 本模組於取得認證後將依規定於模組本體標示審驗合格標籤
2. 系統廠商應於平台上標示「本產品內含射頻模組：XXXyyyLPDzzzz-x」字樣