Qcom Technology Inc.

Bluetooth

QBT400UB

User's Manual

Contents

WINDOWS VISTA	2
Install the Bluetooth Driver	3
Configuring the Broadcom Bluetooth Utility	5
Connect to Other Bluetooth Enabled Devices	5
Send a file	8
Receive a file	
Join a Personal Area Network (PAN)	
Configuration	
Uninstalling the Bluetooth Driver	17
WINDOWS XP	19
WINDOWS XP Install the Bluetooth Driver	
WINDOWS XP Install the Bluetooth Driver Configuring the Broadcom Bluetooth Utility	
WINDOWS XP Install the Bluetooth Driver Configuring the Broadcom Bluetooth Utility Connect to Other Bluetooth Enabled Devices	
WINDOWS XP Install the Bluetooth Driver Configuring the Broadcom Bluetooth Utility Connect to Other Bluetooth Enabled Devices Send a file	
WINDOWS XP Install the Bluetooth Driver Configuring the Broadcom Bluetooth Utility Connect to Other Bluetooth Enabled Devices Send a file Receive a file	
WINDOWS XP Install the Bluetooth Driver Configuring the Broadcom Bluetooth Utility Connect to Other Bluetooth Enabled Devices Send a file Receive a file Join a Personal Area Network (PAN)	
WINDOWS XP Install the Bluetooth Driver Configuring the Broadcom Bluetooth Utility Connect to Other Bluetooth Enabled Devices Send a file Send a file Receive a file Join a Personal Area Network (PAN)	

\diamond	This product standardized the Radio Frequency
	Module: ᄣ XXXyyyLPDzzzz-x 🖯 .
\diamond	The system manufacturer is required to attach
	this Module Approval Label to the system prior
	to delivery.

Windows Vista

Install the Bluetooth Driver

 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 \rightarrow Control Panel \rightarrow 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



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



 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".

Add Bluetooth Device Wizard	
Do you need a passkey to add your device?	8
To answer this question, refer to the "Bluetooth" section or your device. If the documentation specifies a passkey, us	of the documentation that came with e that one.
💮 Choose a passkey for me	
Use the passkey found in the documentation:	
Let me choose my own passkey:	
💿 Dont use a passkey	
You should always use a <u>passkey</u> , unless your device recommend using a passkey that is 8 to 16 digits long more secure it will be.	does not support one. We The longer the passkey, the
< Ba	ck Next > Cancel

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**".

Sluetooth File Transf	er Wizard	
Select where you w	rant to send the file.	*
Send the file to the c computer or device.	computer or device below, or click B	Prowse to choose a different
Send to:	ASUS-PC	Browse
Use a passkey to en also protects the file	sure that you are sending the file to from being viewed by others while it solvey	the correct device. The passkey t is sent to the other device.
Passkey.		

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

Bluetooth File Transf Select the file you v	er Wizard want to send.	e e e e e e e e e e e e e e e e e e e
To choose a file, clic	k Browse.	C 24
File name:	btw_6.0.1.5200_releasenotes.pdf	Browse,
	< Back	Next > Cancel

4. The file transfers successfully, please click "Finish".

8 Bluetooth File Transfer	Wizard		X
	Completi Transfer	ng the Bluetooth File Wizard	
	The file was succ	cessfully sent.	
	Sent to:	ASUS-PC	
	File name:	btw_6.0.1.5200_releasenotes.pdf	
	To close the wizz	ard, click: Finish.	
		< Back Finish	

Receive a file

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



2. Waiting to receive the file.

8 Bluetooth File Transfer Wizard		X
Windows is waiting to receive the file.		*
Waiting for a connection from another compu	iter or device	
		0
	< Back Next >	Cancel

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**".

ave the recei	ved file.
Save the file to	the location below, or click Browse to choose a different location.
File name:	btw_6.0.1.5200_releasenotes.pdf
Location:	C:\Users\P4PE\Documents Browse
To save the file	, click Next.

4. The file receives successfully, please click "Finish".

8 Bluetooth File Transfer W	zard		
	Completing Transfer W) the Bluetooth File /izard	
	The file was succes	sfully received.	
	Received from:	ASUS-PC	
	File name:	btw_6.0.1.5200_releasenotes.pdf	
	File size:	57.8 KB	
	To close the wizard,	. click Finish.	
		< Back 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**".

😣 Bluetooth Pe	rsonal Area Netv	vork Devices		X
To use one of th computer to a n Connect. To ad	ne Bluetooth devid etwork or the Inte d a device to the	ces listed below to met, select the do list, click Add.	o connect your evice, and then cli	ck
To add a Blueto Control Panel	oth device for oth	eruses, open <u>Bl</u>	<u>uetooth Devices</u> in	
Bluetooth devic	es:			
Direct Conr	nections			_
	sonal Ad Hoc Use	r Service		
Add What is a Blueto	Remove	Refresh	Connec	_
			Close	•

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.

Devices	Options	COM Ports	Hardware	
Je vices		Com Forta	Thardware	
Disco	very			
VA	low Blueto	oth devices to	o find this com	puter
⚠	To protect you want	t your privacy a Bluetooth d	, select this ch evice to find t	neck box only when his computer.
Conne	ections			
A	low Blueto	oth devices to	o connect to t	his computer
V A	ert me whe	an a new Blue	tooth device	wants to connect
Shot	w the Blue	tooth icon in t	he notification) area
Shot	w the Blue	tooth icon in t	he notification	1 area :
Change	w the Blue	tooth icon in t <u>ar a Bluetooth</u>	he notification	i area
Change	w the Blue	tooth icon in t <u>ir a Bluetooth</u>	he notification	ce. Restore Defaults

➢ COM ports

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

evices	Options	COMF	Ports	Hardware		
This cor letermir hat can	nputer is u ne whether ne with you	ising the ryou ne ur Blueto	COM ed a C both d	(serial) po COM port, evice.	rts listed l read the (below. To documentation
Port	Din	ection	Nar	ne		
hoose	a COM po	<u>ut for a l</u>	Blueto	Ad oth enable	d	Remove

➢ Hardware

Hardware tab shows the Bluetooth device information.



Uninstalling the Bluetooth Driver

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

Device Manager	
File Action View Help	
PAPE-PC Bluetooth Radios Microsoft Bluetooth F Disable Properties Port (COM & LPT) Processors Storage controllers Storage controllers Storage controllers Display Strian devices Display Strian Bus controllers	
Uninstalls the driver for the selected device.	

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.

Found New Hardware Wiz	ard
	Welcome to the Found New Hardware Wizard Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). Read our privacy policy
	Can Windows connect to Windows Update to search for software? O Yes, this time only O Yes, now and every time I connect a device O No, not this time
	Click Next to continue.
	Cancer

2. Under your windows environment, go to Start \rightarrow Control Panel \rightarrow System \rightarrow

Hardware \rightarrow Device Management to check whether Broadcom Bluetooth USB is detected.

🖳 Device Manager	
File Action View Help	
Computer Co	

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".

Hardware Update Wizard	
	Welcome to the Hardware Update Wizard Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). Read our privacy policy
	Can Windows connect to Windows Update to search for software? Yes, this time only Yes, now and every time I connect a device No, not this time Click Next to continue.
	K Back Next > Cancel

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**".

ardware Update Wizard	
Please choose your search and installation options.	
Search for the best driver in these locations.	
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.	
Search removable media (floppy, CD-ROM)	
Include this location in the search;	
C:\Documents and Settings\Administrator\Desktop\r 🚽 🛛 🛛 Browse	
O Don't search. I will choose the driver to install.	
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.	
K Back Next > Cancel	

7. Bluetooth Driver is installing.



Hardware U	pdate Wizard			
Please wa	it while the wizard installs t	he software		
8	Broadcom Bluetooth USB			
	bthprops.cpl To C:\WINDOWS\system	32		
		< Back	Next >	Cancel

8. Please click "Finish" to complete the Bluetooth installation

Completing the Hardware Update Wizard
The wizard has finished installing the software for:
Broadcom Bluetooth USB
Click Finish to close the wizard.



Configuring the Broadcom Bluetooth Utility

Connect to Other Bluetooth Enabled Devices

Before connecting, make sure that the Bluetooth enabled device **NOTE:** 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**".

Select where you v	want to send the file.	*
Send the file to the computer or device,	computer or device below, or click Bro	wse to choose a different
Send to:	ASUS	Browse
also protects the file	anom being viewed by others while it is	sischere une omer device.
Passkey	asskey	
Passkey	asskey	

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

℁ Bluetooth File Tra	nsfer Wizard	
Select the file you ¥	vant to send.	*
To choose a file, clicl	« Browse.	
File name:	btw_6.0.1.5200_releasenotes.pdf	Browse
	K Back Next >	Cancel

4. The file transfers successfully, please click "Finish".

8 Bluetooth File Transfe	r Wizard		
®	Completing Wizard	the Bluetooth File Transfer	
	The file was succ	essfully sent.	
	Sent to:	ASUS	
	File name:	btw_6.0.1.5200_releasenotes.pdf	
	File size:	57.8 KB	
	To close the wiza	ard, click Finish.	
		K Back Finish	

Receive a file

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



2. The file is being received.

8 Bluetooth File Ti	ansfer Wizard			
The file is being n	eceived.			*
Receiving from:	ASUS			
File name:	1MB.rar			
Beceiving				
		K Back	Next >	Cancel

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**".

Save the recen	red file.
Save the file to	the location below, or click Browse to choose a different location.
Eile name:	1MB.tar
Location:	C:\Documents and Settings\Administrator\My Docu
To save the file	click Next

4. The file receives successfully, please click "Finish".

✤ Bluetooth File Transfe	er Wizard		
•	Completing the Bluetooth File Transfer Wizard		
	The file was succes	sfully received.	
	Received from:	ASUS	
	File name:	1MB.rar	
	File size:	1.04 MB	
	I o close the wizard	, Click Finish.	
		<back finish<="" th=""><th></th></back>	

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".

8 Bluetooth Personal Area Network Devices		
To use one of the Bluetooth devices listed below to co computer to a network or the Internet, select the device Connect. To add a device to the list, click Add. To add a Bluetooth device for other uses, open <u>Blueton</u> Control Panel.	nnect your e, and then click <u>oth Devices</u> in	5
Direct Connections		
ASUS Personal Ad-hoc User Service Personal Ad-hoc User Service Add Remove	Connect	D
Learn more about <u>Bluetooth personal area networks</u>	C	_
	Close	

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.

luetootl	n Device	s				
Devices	Options	COM Ports	Hardwa	re		
		Develop	1		Theread	21
		riemove	ų.		Froperti	BS
		ОК		Cancel	Ap	ply.

\succ 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 \rightarrow Control Panel \rightarrow

System \rightarrow Hardware \rightarrow 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 <u>transmitter</u> 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 <u>can not be met</u> (for example certain laptop configurations or co-location with another transmitter), then the FCC authorization is no longer considered valid and the FCC ID <u>can not</u> 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: WXXXyyyLPDzzzz-x」字樣