MiniPCI-E 802.11N
WIFI + Bluetooth to PCI-E
Wlan Wireless Card

User Manual
Ver. 1.00

Features

- Compliant with Bluetooth 2.1 + EDR and V3.0 + HS specifications by on chip software stack
- Support for WLAN + Bluetooth coexistence for optimized performance
- IEEE 802.11b/g/n compliance
- 150 Mbps Tx (Transmit) PHY data rate, and 150 Mbps Rx (Receive) PHY data rate
- Compliant with PCIe V1.2 or later
- Support for legacy and high throughput Wi-Fi modes
- 1T1R 802.11n Wi-Fi with antenna diversity
- Compressed Block ACK(BA)
- Compliant with IEEE 802.11i 64-/128-bit WEP encryption, WAP, WPA-PSK and TKIP, and WPA2(with AES-CCM support)
- Support Hardware WAPI/16 BSSID
- Compliant with IEEE 802.1e WMM and WMM Power Save
- Compliant with international regulations for IEEE 802.11d
- Support for both long and short guard intervals
- Cisco CCX V1.0,V2.0,V3.0,V4.0 and CCX5.0 compliant
- Support for IEEE 802.11s mesh networks
- Support for BT Class 1 Operation for better Bluetooth range
- Support Full-speed Bluetooth operation with Piconet and Scatternet
- Shared Bluetooth and Wi-Fi signal receiving path to eliminate the need for an external

System Requirements

- Windows 2000/XP/Server2003/2008/2012/Vista/7/8/10

Package Contents

- MiniPCI-E to PCI-E Wireless Adapter x 1
- User Manual x 1
- Driver CD x 1

  Note: Contents may vary depending on country / market
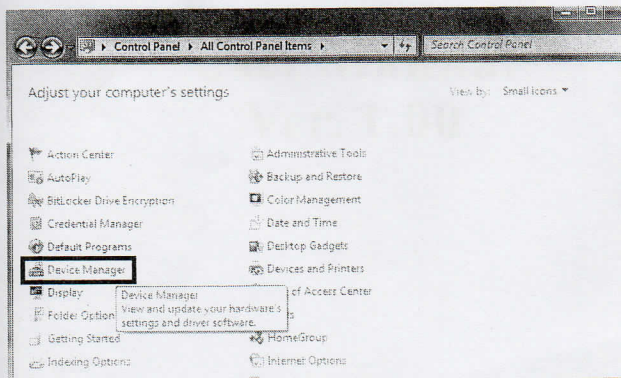
Driver Installation

The following section shows you how to install Mini PCI-e WiFi to PCI-e Wlan Adapter driver on different operating systems

1. Turn on your computer.
2. Once Windows is running, a new network controller card is detected.
3. If the Windows asks for driver for the network controller card, then insert Driver CD into the optical drive(Assume the optical driver letter is H)
4. Browse to the following path (Assume the Windows OS used is Windows 7)

   WIFI

   H:\RT3290\WIFI

   Bluetooth

   H:\RT3290\Bluetooth
5. Execute "setup.exe" to install the driver.
6. Follow the on screen instructions until the driver is totally installed.

Hardware Verify

Verifying for Windows XP/Vista/7

1. Click on the **"Device Manager"** tab in the Windows Control Panel

   Start > Control Panel > Device Manager

2. Entry **"Network adapters and Bluetooth Radios"** item

Computer Management

File   Action   View   Help

Computer Management (Local)
  System Tools
    Task Scheduler
    Event Viewer
    Shared Folders
    Local Users and Groups
    Performance
    Device Manager
  Storage
    Disk Management
  Services and Applications

mmui-PC
  Bluetooth Radios
    Microsoft Bluetooth Enumerator
    Ralink RT3290LE Bluetooth Device
  Computer
  Disk drives
  Display adapters
  Human Interface Devices
  IDE ATA/ATAPI controllers
  Keyboards
  Mice and other pointing devices
  Monitors
  Network adapters
    802.11n Wireless LAN Card
    Bluetooth Device (Personal Area Network)
    Bluetooth Device (RFCOMM Protocol TDI)
    Microsoft Virtual WiFi Miniport Adapter #3
    Microsoft Virtual WiFi Miniport Adapter #4
    Realtek RTL8168D/8111D Family PCI-E Gigabit Ethernet NIC (NDIS 6.20) #2
  Other devices
  Processors
  Sound, video and game controllers
  System devices
  Universal Serial Bus controllers