

# 802.11b/g/n 2T2R Wireless USB Adapter



NU22/Y

- ❖ Superior Wireless Coverage, high security and high performance
  - ❖ Wireless data rate up to 300Mbps with 11n device
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## **Features**

- Comply with 802.11n draft 3.0, 802.11g and 802.11b standards
- Farther coverage, less dead spaces and higher throughput with MIMO technology
- Supports 2 Tx, 2 Rx wireless data transmit and receive
- Supports Wireless data rate up to 300Mbps for 11n
- Supports Ad-Hoc (Peer to Peer) communication and Infrastructure mode with Access Point
- Supports WMM, WMM-PS and WMM-SA (IEEE 802.11e QoS standard)
- Supports Cisco CCX
- Supports 64/128-bit WEP, WPS, WPA (TKIP with IEEE 802.1x), WPA2 (AES with IEEE 802.1x) functions for high level of security
- Supports the most popular operating system: Windows 2000/XP/XP64/Windows Vista
- Supports USB 1.1/2.0 interface
- Portable and mini-size design

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## Specifications

<b>Chipset</b> <ul style="list-style-type: none"><li>Ralink RT2870+RT2820</li></ul>
<b>Wireless Features</b> <ul style="list-style-type: none"><li>Comply with IEEE 802.11b/g and 802.11n draft 3.0 Wireless Standard</li><li>Superior wireless coverage and high performance, up to 300Mbps for wireless data rates</li><li>Support 64/128-Bit WEP encryption, WPS, WPA-PSK, WPA2-PSK, WPS and 802.1x</li><li>Support Software AP</li></ul>
<b>Modulation Types Supported</b> <ul style="list-style-type: none"><li>OFDM: BPSK, QPSK, 16QAM, 64QAM, Proprietary MIMO modulation (11g)</li><li>DSSS: DBPSK, DQPSK, CCK(11b)</li></ul>
<b>Data Rates Supported</b> <ul style="list-style-type: none"><li>IEEE 802.11b: 1, 2, 5.5 and 11 Mbps</li><li>IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps</li><li>IEEE 802.11n(draft 3.0): up to 300Mbps</li></ul>
<b>Quality of Service (QoS) and Value-Added MAC Features</b> <ul style="list-style-type: none"><li>IEEE 802.11e QoS</li><li>Wi-Fi Alliance WMM (Wi-Fi Multimedia Enhancement) support</li><li>Hardware-Based Priority Queues</li></ul>
<b>BUS Type</b> <ul style="list-style-type: none"><li>USB 2.0/1.1 Type A</li></ul>
<b>Physical Interfaces</b> <ul style="list-style-type: none"><li>Link, ACT LED</li><li>2 internal antennas</li></ul>
<b>Drivers</b> <ul style="list-style-type: none"><li>Windows 2000/XP/XP64/Windows Vista</li></ul>
<b>Security Features</b> <ul style="list-style-type: none"><li>Support 64/128-Bit WEP encryption, WPA-PSK, WPA2-PSK, WPS and 802.1x</li></ul>
<b>Ethernet Features</b> <ul style="list-style-type: none"><li>Compliant with IEEE 802.3 and 802.3u 10/100 Mbps</li><li>All Ethernet ports support auto-crossover (MDI/MDI-X)</li></ul>
<b>Temperature</b> <ul style="list-style-type: none"><li>Storage Temperature: -20°C~70°C</li><li>Operating Temperature: 0°C ~40°C</li></ul>

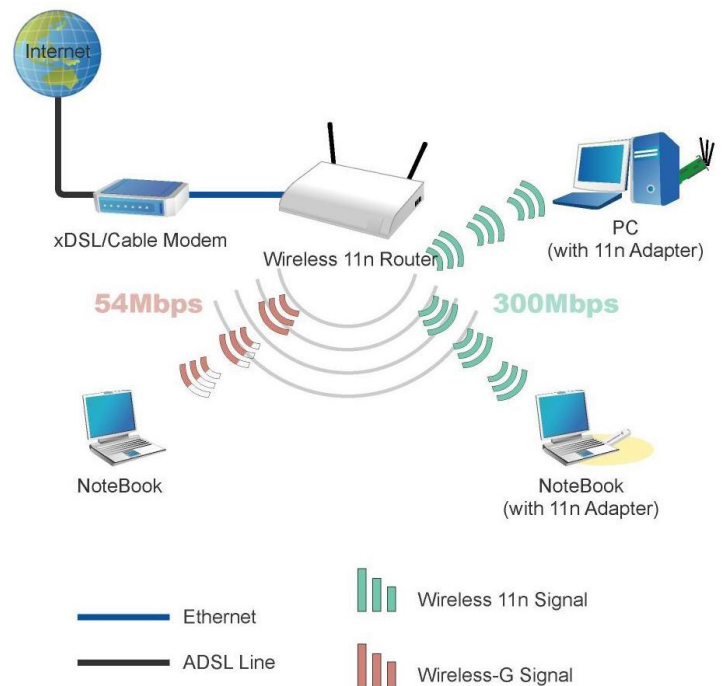
## Humidity

- Storage Humidity: 5%~95% R/H (max).
- Operating Humidity: 10%~90% R/H (max)

## Regulatory Approvals

- FCC, CE, LVD

## Application:



**ACEEX**

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