

Wireless N PCI Adapter TL-WN851N



300Mbps wireless transmission rate with 2 antennas, brings smooth wireless N experience

Adopts MIMO, CCA™ technology, brings competitive performance in Draft 11n routers

QSS, Quick Secure Setup, complies with WPS for effortless wireless security setup



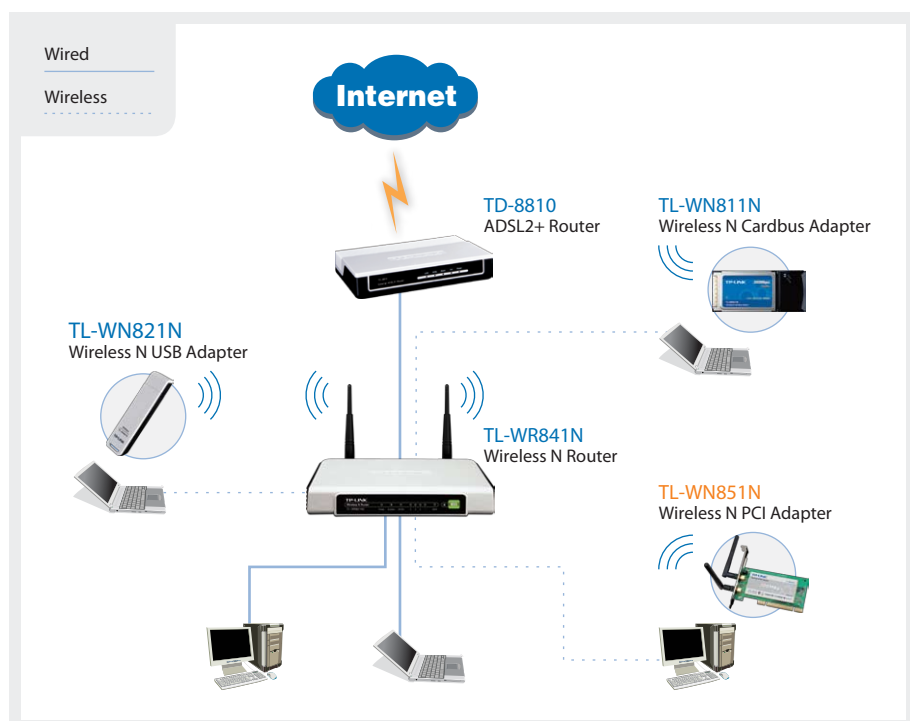
Description:

The TL-WN851N Wireless N PCI Adapter complies with IEEE 802.11n (Draft 2.0), IEEE 802.11g, and IEEE 802.11b standards. Wireless transmission rates can reach up to 300Mbps. The PCI Card with two external detachable Omni-directional antennas works well with other 11g and 11n protocol wireless products and adopts MIMO technology which can bring a faster, wider, and more stable wireless experience. This product can also simultaneously operate bandwidth intensive applications using a lot of bandwidth which are sensitive to interruption. When using multiple bandwidth intensive applications, the most sensitive of these applications can be given priority over the others to be allocated more bandwidth in order to assure quality.

Specifications:

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| Standards | IEEE 802.11n(draft 2.0), IEEE 802.11g, IEEE 802.11b, CSMA/CA with ACK |
| Interface | 32-bit PCI 11n: 270/243/216/162/108/81/54/27Mbps 135/121.5/108/81/54/40.5/27/13.5Mbps |
| Wireless Signal Rates With Automatic Fallback | 130/117/104/78/52/39/26/13Mbps 65/58.5/52/39/26/19.5/13/6.5Mbps 11g: 54/48/36/24/18/12/9/6M (adaptive) 11b: 11/5.5/2/1M (adaptive) |
| Frequency Range | 2.4-2.4835GHz |
| Wireless Transmit Power | 20dBm(MAX) |
| Modulation Type | OFDM/CCK/16-QAM/64-QAM 270M: -68dBm@10% PER 130M: -68dBm@10% PER 108M: -68dBm@10% PER 54M: -68dBm@10% PER 11M: -85dBm@8% PER 6M: -88dBm@10% PER 1M: -90dBm@8% PER |
| Receiver Sensitivity | |
| Antenna | 2dBi detachable Omni directional antenna x 2 |
| Security | 64/128/152 bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES) |
| Certifications | CE, FCC |
| Support Operating System | Windows 2000/XP/Vista |
| Operating temperature | 0°C~40°C (32°F~104°F) |
| Storage temperature | -40°C~70°C (-40°F~158°F) |
| Relative humidity | 10% ~ 90%, non condensation |
| Storage Humidity | 5%~95% non-condensing |
| Dimensions | 133 × 121 × 22 (mm) 5.2 × 4.8 × 0.9 (in.) |

Diagram:



Features:

- Provides 32-bit PCI connector
- Provides Infrastructure and Ad-Hoc modes
- 300M wireless transmission rate, adopts MIMO, SST™, CCA™ technology, allows for faster speed, further wireless coverage, more stable performance
- Quick Secure Setup, complies with WPS for worry free wireless security
- Supports 64/128/152 strength WEP encryptions, as well as WPA/WPA2 and WPA-PSK/WPA2-PSK encryptions and mechanisms
- Web-site Configuration and monitoring
- Supports Roaming technology, guarantees efficient wireless connections.
- Supports Windows 2000/XP/Vista

Package:

- Wireless N router TL-WR841N
- Power supply unit (localized to country of sale)
- Resource CD
- Quick Setup Guide

Related Products:

- Wireless N Router TL-WR841N
- Wireless N USB Adapter TL-WN821N
- 54M Wireless ADSL2+ Router TD-W8920G

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