

300Mbps Wireless N PCI Adapter

TL-WN851ND

⦿ Features:

- Wireless N speed up to 300Mbps makes it ideal for video streaming, online gaming and Internet calls
- MIMO technology with stronger signal penetration strength, wider wireless coverage, providing better performance and stability
- Easily setup a highly secured wireless link with QSS™ (Quick Security Setup)



⦿ Description:

The TL-WN851ND Wireless N PCI Adapter complies with IEEE 802.11n, 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, IEEE 802.11g, IEEE 802.11b, CSMA/CA with ACK |
| Interface | 32-bit PCI |
| Wireless Signal Rates With Automatic Fallback | 11n: 270/243/216/162/108/81/54/27Mbps |
| | 135/121.5/108/81/54/40.5/27/13.5Mbps |
| | 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 |
| Receiver Sensitivity | 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 |
| Antenna | 3dBi detachable Omni directional antenna x 2 |
| Security | 64/128 bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES) |
| Certifications | CE, FCC, Wi-Fi |
| Support Operating System | Windows 7/Vista/XP/2000 |
| 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 | 5.2 × 4.8 × 0.9 in. (133 × 121 × 22 mm) |

◎ Diagram:



Package:

- 300Mbps Wireless N PCI Adapter TL-WN851ND
- Quick Installation Guide
- Resource CD, including:
 - TL-WN851ND Wireless Client Utility and Drivers
 - User Guide
 - Other Helpful Information

Related Products:

- 300Mbps Wireless N Router TL-WR841N
- 300Mbps Wireless N USB Adapter TL-WN821N
- ADSL2+ Modem TD-8616