



## Low Profile N150 Wireless PCI Adapter TEW-703PIL (V1.0R)

The Low Profile N150 Wireless PCI Adapter, model TEW-703PIL, connects a low profile desktop computer to a high speed wireless n network.

This adapter installs quickly to a free PCI slot on a Window's based low profile desktop computer. An LED conveys wireless connection status. Advanced wireless encryption protects your valuable data. A detachable antenna gives users the ability to change the connected antenna. Stream media, download files, and play games on a desktop computer over a wireless connection.

## FEATURES

- Compatible with low profile desktop computers
- Wi-Fi compliant with IEEE 802.11n standard
- Backwards compatible with IEEE 802.11g and IEEE 802.11b devices
- Supports Ad-Hoc (Peer-to-Peer b/g only) or Infrastructure (AP-Client) mode
- High-speed data rates up to 150Mbps using an IEEE 802.11n connection
- Dynamic Data Rate Scaling from 150Mbps to 1Mbps
- Maximum reliability, throughput and connectivity with Automatic Data Rate Switching
- Supports advanced wireless encryption up to WPA/WPA2-RADIUS
- Easy user setup and diagnostic utilities
- Coverage of up to 50 meters indoor and 150 meters outdoor \*
- 3-year limited warranty

\*Maximum wireless signal rates are referenced from IEEE 802.11 theoretical specifications. Actual data throughput and coverage will vary depending on interference, network traffic, building materials and other conditions.

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## SPECIFICATIONS

### HARDWARE

<b>Interface</b>	<ul style="list-style-type: none"><li>• 32-Bit PCI 2.1 Bus</li><li>• Compatible with low profile desktop computers</li></ul>
<b>Standards</b>	<ul style="list-style-type: none"><li>• IEEE 802.11b, IEEE 802.11g, IEEE 802.11n</li></ul>
<b>LED Indicator</b>	<ul style="list-style-type: none"><li>• Link/ Activity</li></ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"><li>• Receive mode: 350mA (max.)</li><li>• Transmit mode: 400mA (max.)</li></ul>
<b>Supported OS</b>	<ul style="list-style-type: none"><li>• Windows® 8.1, 8, 7, Vista and XP</li></ul>
<b>Dimensions</b>	<ul style="list-style-type: none"><li>• 120 x 44 mm (4.7 x 1.75 in.)</li></ul>
<b>Weight</b>	<ul style="list-style-type: none"><li>• 55 g (1.8 oz)</li></ul>
<b>Temperature</b>	<ul style="list-style-type: none"><li>• Operating: 0° ~ 40° C (32° ~ 104° F)</li><li>• Storage: -10° ~ 70° C (14° ~ 158° F)</li></ul>
<b>Humidity</b>	<ul style="list-style-type: none"><li>• 95% max. (non-condensing)</li></ul>
<b>Certifications</b>	<ul style="list-style-type: none"><li>• CE, FCC</li></ul>

### WIRELESS

<b>Modulation</b>	<ul style="list-style-type: none"><li>• DBPSK/DQPSK/CCK/OFDM (BPSK/QPSK/16-QAM/64-QAM)</li></ul>
<b>Antenna</b>	<ul style="list-style-type: none"><li>• 1 x 2dBi dipole detachable antenna with Reverse SMA connector</li></ul>
<b>Frequency</b>	<ul style="list-style-type: none"><li>• 2.412 ~ 2.484 GHz</li></ul>
<b>Data Rate (auto fallback)</b>	<ul style="list-style-type: none"><li>• 802.11b: up to 11Mbps</li><li>• 802.11g: up to 54Mbps</li><li>• 802.11n: up to 150Mbps</li></ul>
<b>Output Power</b>	<ul style="list-style-type: none"><li>• 802.11b: 15dBm (typical)</li><li>• 802.11g: 14dBm (typical)</li><li>• 802.11n : 12dBm (typical)</li></ul>
<b>Receiving Sensitivity</b>	<ul style="list-style-type: none"><li>• 802.11b: -84dBm (typical) at 11Mbps</li><li>• 802.11g: -65dBm (typical) at 54Mbps</li><li>• 802.11n: -61dBm (typical) at 150Mbps</li></ul>
<b>Encryption</b>	<ul style="list-style-type: none"><li>• 64/128-bit WEP (Hex &amp; ASCII), WPA/WPA2 (TKIP/AES), WPA-PSK/WPA2-PSK</li></ul>
<b>Channels</b>	<ul style="list-style-type: none"><li>• 1~11 (FCC), 1~13 (ETSI)</li></ul>

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## PACKAGE CONTENTS

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TEW-703PIL

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CD-ROM (Utility & User's Guide)

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Multi-Language Quick Installation Guide

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## RELATED PRODUCTS

<b>TEW-648UB</b>	150Mbps Mini Wireless N USB Adapter
<b>TEW-711BR</b>	150Mbps Wireless N Home Router
<b>TEW-648UBM</b>	150Mbps Micro Wireless N USB Adapter

## CONTACT INFORMATION

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