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

| **Interface** | • 32-Bit PCI 2.1 Bus  
|               | • Compatible with low profile desktop computers |
| **Standards** | • IEEE 802.11b, IEEE 802.11g, IEEE 802.11n |
| **LED Indicator** | • Link/ Activity |
| **Power Consumption** | • Receive mode: 350mA (max.)  
|               | • Transmit mode: 400mA (max.) |
| **Supported OS** | • Windows® 8.1, 8, 7, Vista and XP |
| **Dimensions** | • 120 x 44 mm (4.7 x 1.75 in.) |
| **Weight** | • 55 g (1.8 oz) |
| **Temperature** | • Operating: 0° ~ 40° C (32° ~ 104° F)  
|               | • Storage: -10° ~ 70° C (14° ~ 158° F) |
| **Humidity** | • 95% max. (non-condensing) |
| **Certifications** | • CE, FCC |

### WIRELESS

| **Modulation** | • DBPSK/DQPSK/CCK/OFDM (BPSK/QPSK/16-QAM/64-QAM) |
| **Antenna** | • 1 x 2dBi dipole detachable antenna with Reverse SMA connector |
| **Frequency** | • 2.412 ~ 2.484 GHz |
| **Data Rate (auto fallback)** | • 802.11b: up to 11Mbps  
|               | • 802.11g: up to 54Mbps  
|               | • 802.11n: up to 150Mbps |
| **Output Power** | • 802.11b: 15dBm (typical)  
|               | • 802.11g: 14dBm (typical)  
|               | • 802.11n: 12dBm (typical) |
| **Receiving Sensitivity** | • 802.11b: -84dBm (typical) at 11Mbps  
|               | • 802.11g: -65dBm (typical) at 54Mbps  
|               | • 802.11n: -61dBm (typical) at 150Mbps |
| **Encryption** | • 64/128-bit WEP (Hex & ASCII), WPA/WPA2 (TKIP/AES), WPA-PSK/WPA2-PSK |
| **Channels** | • 1~11 (FCC), 1~13 (ETSI) |
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PACKAGE CONTENTS
- TEW-703PIL
- CD-ROM (Utility & User’s Guide)
- Multi-Language Quick Installation Guide

RELATED PRODUCTS
- TEW-648UB 150Mbps Mini Wireless N USB Adapter
- TEW-711BR 150Mbps Wireless N Home Router
- TEW-648UBM 150Mbps Micro Wireless N USB Adapter

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