TRENDNET®

WIRELESS N
150
MBPS

Low Profile N150 Wireless PCI Adapter
TEW-703PIL (V1.1R)

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

CONTACT INFORMATION

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