



Wireless N PCI Adapter TEW-643PI (V1.0R)

The Wireless N PCI Adapter allows you to connect your desktop computer wirelessly with unsurpassed speed and reliability. Enjoy up to 8x the speed and 4x the coverage of a wireless g connection. Upgrade your desktop and enjoy faster than wired speeds with a wireless connection.

Setup is a breeze with Wi-Fi Protected Setup technology. Advanced wireless encryption protects your valuable data. The latest in MIMO antenna technology ensures the fastest communication speeds that wireless n technology provides. Stream media, download files, play games and talk online when connected to a wireless n router.

FEATURES

- Wi-Fi compliant with IEEE 802.11n standard
- Backwards compatible with IEEE 802.11g and IEEE 802.11b devices
- Supports Ad-Hoc (Client-Client) and Infrastructure (AP-Client) Mode
- Supports Multiple Input Multiple Output (MIMO) technology
- Maximum reliability, throughput and connectivity with automatic data rate switching
- Supports 64/128-bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK
- Low interference and high susceptibility guarantee reliable performance
- Wi-Fi Multimedia (WMM) Quality of Service (QoS) supported
- Compatible with Windows XP/Vista operating systems
- Easy user setup and intuitive diagnostics utilities
- Coverage of up to 50 meters indoor and 100 meters outdoor *
- 3-Year limited Warranty

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SPECIFICATIONS

Hardware	
Interface	• 32-Bit PCI Bus
Standards	• IEEE 802.11b, IEEE 802.11g and IEEE 802.11n (draft 2.0)
LED Indicator	• PWR (power), NET (link activity)
Power Consumption	• Receive mode: 550mA (max) ; Transmit mode : 600mA (max)
Supported OS	• Windows XP(32/64-bit)/Vista (32/64-Bit)
Dimensions (LxWxH)	• 120 x 80mm (4.7 x 3.1in)
Weight	• 75g (2.6oz)
Temperature	• Operating: 0° ~ 40° C (32° ~ 104° F); Storage: -10° ~ 70° C (14° ~ 158° F)
Humidity	• 10% ~ 90% max (non-condensing)
Certification	• FCC, CE
Wireless	
Module Technique	• DBPSK/DQPSK/CCK/OFDM (BPSK/QPSK/16-QAM/64-QAM)
Antenna	• 2 x 2dBi dipole detachable antennas with Reverse SMA connector
Frequency	• 2.412 ~ 2.484 GHz
Data Rate (auto fallback)	• 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps • 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps • 802.11n: up to 300Mbps (RX)/150Mbps(TX)
Output Power	• 802.11b: 15dBm (typical) • 802.11g: 14dBm (typical) • 802.11n: 14dBm (typical)
Receiving Sensitivity	• 802.11b: -84dBm (typical) at 11mpbs • 802.11g: -68dBm (typical) at 54Mbps • 802.11n: -65dBm at 135Mbps
Encryption	• 64/128-bit WEP (Hex & ASCII), WPA/WPA2 (TKIP/AES), WPA-PSK/WPA2-PSK
Channels	• 1~11 (FCC), 1~13 (ETSI)

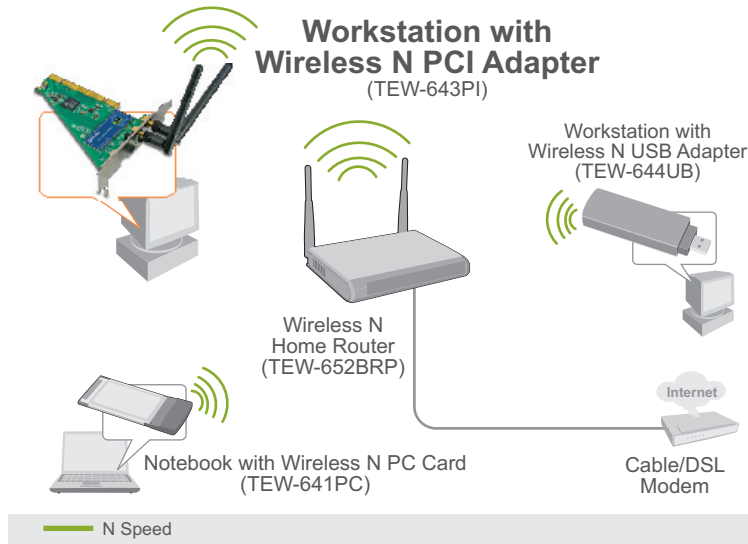
*Maximum wireless signal rates are referenced from IEEE 802.11 theoretical specifications. Actual data throughput and coverage will vary depending on interference, network traffic, building materials and other conditions.



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NETWORKING SOLUTIONS



PACKAGE CONTENTS

- TEW-643PI
- CD-ROM (Utility & User's Guide)
- Multi-Language Quick Installation Guide

RELATED PRODUCTS

TEW-641PC	Wireless N PC Card
TEW-644UB	Wireless N USB Adapter
TEW-652BRP	Wireless N Home Router

ORDERING INFORMATION

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