



Wireless N PCI Adapter TEW-623PI

The Wireless N PCI Adapter allows you to connect wirelessly with supercharged speed, range and reliability. This 802.11n device seamlessly connects to your wireless network without performance degradation.

Wireless speeds increase up to 300Mbps* when connecting to TRENDnet Wireless N access points or wireless routers. The latest antenna technology increases wireless data coverage throughout homes and businesses. It also supports universal wireless connectivity with 802.11b or 802.11g networks. Advanced wireless encryption provides secured transmissions. Increased speed and throughput makes it the perfect solution to fulfill your multimedia needs.

FEATURES

- Wi-Fi Compliant with IEEE 802.11n Standard
- Extreme wireless performance: Up to 12x the speed of wireless g* (IEEE 802.11g)
- Up to 4x the coverage of wireless g*
- Advanced wireless encryption: WEP, WPA, WPA2, WPA-PSK and WPA2-PSK
- 3 detachable high gain antennas maximize wireless n performance with Multiple Input Multiple Output (MIMO) technology
- Intuitive user setup and diagnostics utilities
- Backwards compatible with wireless g and wireless b standards (IEEE 802.11b/g)
- Supports Ad-hoc (Client-Client) and Infrastructure (AP-Client) mode
- Maximum reliability, throughput and connectivity with automatic data rate switching and dynamic data rate scaling
- Seamless roaming between wireless b, wireless g and wireless n networks
- Wi-Fi Multimedia (WMM) Quality of Service (QoS) supported
- Compatible with Windows 2000/XP/Vista Operating Systems
- 3-Year Limited Warranty
- Link to Wi-Fi certification: http://certifications.wi-fi.org/wbcs_ViewCertificate.php?product_id=6054

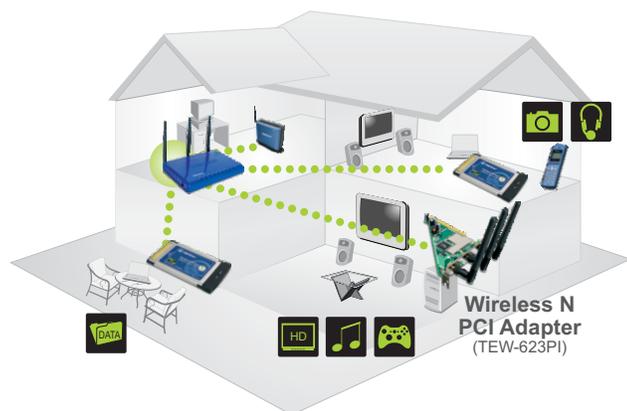
Wireless N PCI Adapter

TEW-623PI

SPECIFICATIONS

Hardware	
Interface	• 32-Bit PCI Rev. 2.1/2.2/2.3
Standards	• IEEE 802.11b, IEEE 802.11g and IEEE 802.11n (draft 2.0)
LED Indicator	• PWR (power), LNK (link activity)
Power Consumption	• 650mA (max)
Supported OS	• Windows 2000/XP/Vista (32/64-bit)
Weight	• 85g (3 oz)
Temperature	• Operating: 0° ~ 40° C (32° ~ 104° F) • Storage: -25° ~ 70° C (-13° ~ 158° F)
Humidity	• 10% ~ 90%max (Non-condensing)
Emissions	• FCC, CE
Wireless	
Module Technique	• 802.11b: CCK (11 and 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps) • 802.11g: OFDM with BPSK, QPSK and 16/64-QAM sub-Carrier modulations • 801.11n: OFDM, 64-QAM, coding rate 5/6
Antenna	• 3 x 2dBi detachable antennas (Reverse SMA connector)
Frequency	• 2.412 ~ 2.484 GHz
Media Access Protocol	• CSMA/CA
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 (draft) : up to 300Mbps
Output Power	• 802.11b: 18dBm (typical) • 802.11g: 15dBm (typical) • 802.11n (draft 2.0) : 7dBm (typical) with 130Mbps/HT20 & 270Mbps/HT40
Receiving Sensitivity	• 802.11b: -86dBm (typical) @ 11Mbps • 802.11g: -74dBm (typical) @ 54Mbps • 802.11n (draft 2.0) : -70dBm @ 130Mbps/HT20 & -65dBm @ 270Mbps/HT40
Encryption	• 64/128-bit WEP (Hex & ASCII), WPA/WPA2(TKIP/AES), WPA-PSK/WPA2-PSK, 802.1x
Channels	• 1~11 (US), 1~13 (EU)

NETWORKING SOLUTIONS



..... 300Mbps, share multimedia throughout the house

*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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PACKAGE CONTENTS

- TEW-623PI
- Utility & Driver CD-ROM
- Multi-Language Quick Installation Guide

RELATED PRODUCTS

TEW-621PC	Wireless N PC Card
TEW-630APB	300Mbps Wireless N Access Point
TEW-631BRP	Wireless N Broadband Router

ORDERING INFORMATION

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